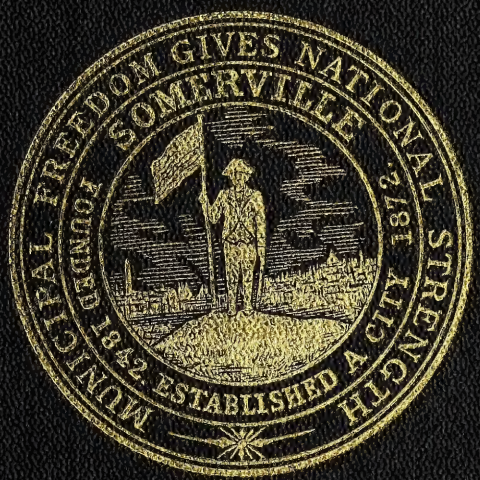
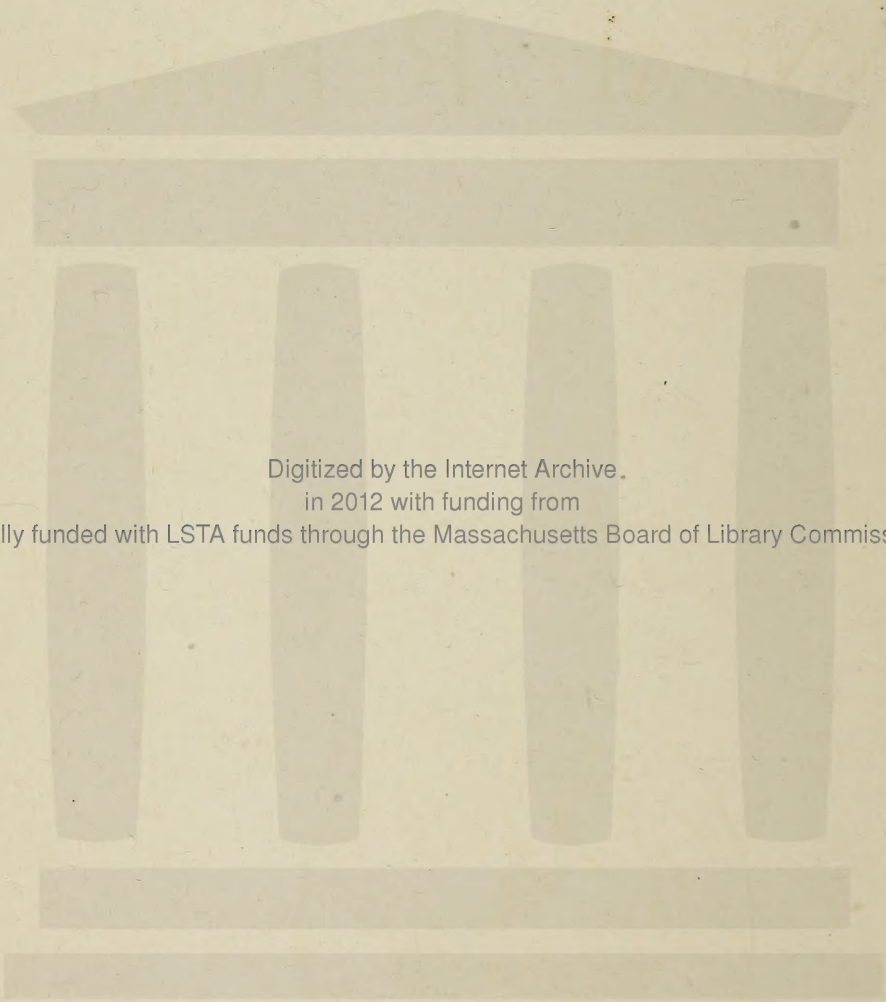

SOMERVILLE
MUNICIPAL FREEDOM GIVES NATIONAL STRENGTH
FOUNDED 1842 ESTABLISHED A CITY 1872



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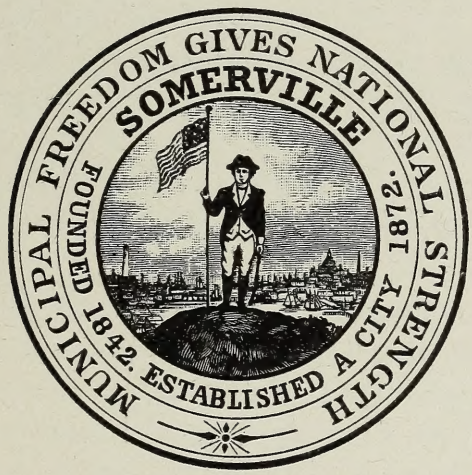
CITY OF SOMERVILLE

MASSACHUSETTS

ANNUAL REPORTS

1907

With Mayor's Inaugural Address
Delivered Jan. 6, 1908



SOMERVILLE JOURNAL PRINT
1908

THIRD INAUGURAL ADDRESS

DELIVERED BY

MAYOR CHARLES A. GRIMMONS

MONDAY, JANUARY 6, 1908.

Gentlemen of the Board of Aldermen:—

We meet this morning to inaugurate the thirty-seventh administration of our city government. Each succeeding year brings new conditions, fraught with added responsibilities, making each period harder of successful achievement than the preceding one. The year 1907 opened with the general business and financial conditions of our country in an apparent state of great prosperity, while to-day we are in a state of uncertainty, which calls for the extreme efforts of conservatism and economy in both private and public life.

We have taken upon ourselves solemn obligations and assumed the responsibilities entrusted to us by the people. The people ask of us that we give them in our official actions our best efforts, which "the Somerville idea" demands shall be unselfish, non-partisan, and with an eye single to the best interests of the whole city.

I regret to say that the financial outlook is far from reassuring. Our expenses have been, and are, growing in excess of our receipts. Conditions existing in 1907 have been responsible for higher costs, which it was impossible to foresee. The interest on temporary loans was $10,319.31 more than in the previous year. We received $8,000 less from the Elevated railroad than in 1906. Every increase of salary was just and proper, and some salaries are yet below the normal standard of the city. Prices for hay and grain, as well as for all other supplies, have

been abnormally high, but the city has bought only what was absolutely necessary. An additional expense this year will be the increase in the school teachers' salaries, which public sentiment demanded, and which seemed just and reasonable.

On account of interest rates and market conditions, I refrain at this time from making many recommendations which would require the expenditure of money.

It is a matter for congratulation that the state has recently assumed the cost and interest charges paid on the Somerville armory, which have been an expense to the city for the past five years. It is expected that the additional mileage of the Boston Elevated railway, through Mystic avenue to the metropolitan parkway in Somerville, will be a source of additional income to the city. A small income may be expected from the sale of sand and gravel from the Waltham land, which has been unproductive for many years. Still, these small sources of income will, I fear, be insufficient to care for the added demands which must be met. I therefore urge on you the most unselfish efforts to aid the executive in giving the city as economic an administration as is possible. It is to be hoped that the impending business readjustment will soon be accomplished, and that normal conditions will prevail. This will somewhat lighten the burdens of this year.

Somerville has always been fortunate in having a low tax rate. In comparison with its rate of $17.40 last year, that of Malden was $18.00; Everett, $18.50; Cambridge, $18.80; Medford, $20.00; and Chelsea, $20.80. In view of the increased demands and of the unusual payments on the funded debt to be provided for, the city must expect to have a slightly increased tax rate for this year, at least, if not for the future.

The total funded debt of the city January 1, 1907, was $1,464,500. This debt was increased during the year $198,000. It was decreased $154,500, leaving the net funded debt January 1, 1908, $1,508,000, a net increase of $43,500.

The total amount of taxable property is $61,627,200, of which $55,372,500 is real estate, and $6,254,700 is personal estate, including non-resident bank shares. At a rate of $17.40 on each $1,000 of valuation, the tax is $1,072,313.28. There are 20,793 polls at $2.00, making $41,586. We received from street watering, $29,036.05, and from the suppression of gypsy and brown-tail moths, $1,499.59, making the total tax levy $1,144,-

434.92. The total number of persons assessed, resident and non-resident, was 28,365.

Of the amount received in taxes, $167,500 is required for the debt provisions; $187,213.28 are state and county taxes, metropolitan sewer assessments, etc., matters over which the city has no control; $374,000 is used for current expenses of departments, over which the board of aldermen has no control; $343,600 is the amount for current expenses within control of the board of aldermen.

The same statement, based upon the $17.40 per thousand, is as follows: Of each $17.40, $3.04 is for state, county, and metropolitan taxes; $2.72 for debt requirements; $6.07 for current expenses over which the board of aldermen has no control; $5.57 for current expenses within control of the board of aldermen.

In addition to the amount received from taxes, there was available last year the sum of (estimated) $224,672.11 on water income account; we received $27,409.58 from corporation and bank taxes; from the clerk of the courts, $3,538; from the county treasurer, for dog licenses, $4,109.54; from the state, the street railway tax, $40,439.71; from the Boston Elevated Railway tax, $8,908.18; amount charged to the state, $3,357.13; and amount received from the state for rent of armory, $1,098; a total of $313,532.25, making the total amount available from taxes and other sources, $1,457,967.17.

It is a matter for congratulation that we close the year 1907 with a credit balance $3,715.26 on appropriations from the tax levy.

Funded Debt.—The funded debt of the city January 1, 1907, was as follows:—

Funded Debt, City Loan	$1,082,500 00
Funded Debt, Sewer Loan . . .	243,000 00
Funded Debt, Paving Loan . . .	30,000 00
Funded Debt, Water Loan . . .	86,000 00
Funded Debt, Metropolitan Park Assessment Loan	23,000 00
	$1,464,500 00

The debt was increased during the year by appropriations made by the board of aldermen as follows:—

Electrical Department, Underground Construction	$3,000 00
Fire Department, Additional Apparatus	5,500 00
Highways, Construction	20,500 00
Highways Construction, Clarendon Hill Ledge	8,500 00
Highways, Paved Gutters and Crossings,	10,000 00
Highways, Shade Trees	500 00
Public Buildings Construction:—	
Addition to Benjamin G. Brown School	20,000 00
Addition to Sanford Hanscom School	15,000 00
Bath House	3,000 00
Heating Plant, Charles G. Pope School,	6,000 00
Incinerator	2,000 00
Vault, City Hall	2,000 00
Renewal of Funded Debt	10,000 00
Sewers, Construction	60,000 00
Sidewalks, Construction	12,000 00
Soldiers' Monument	20,000 00
	$198,000 00

The debt was reduced during the year by maturities as follows:—

Funded Debt, City Loan	$118,500 00
Funded Debt, Sewer Loan	13,000 00
Funded Debt, Paving Loan	5,000 00
Funded Debt, Water Loan	17,000 00
Funded Debt, Metropolitan Park Assessment Loan	1,000 00
	$154,500 00

Leaving the funded debt of the city January 1, 1908, $1,508,000 (an increase of $43,500 from the previous year), classified as follows:—

City Loan bonds bearing interest at 3½ per cent.	$314,000 00
City Loan bonds bearing interest at 4 per cent.	788,000 00
City Loan Sewer bonds bearing interest at 3½ per cent.	72,000 00
City Loan Sewer bonds bearing interest at 4 per cent.	214,000 00
Amount carried forward	$1,388,000 00

Amount brought forward . . .	$1,388,000 00
City Loan Sewer bonds bearing interest at 4½ per cent.	4,000 00
City Loan Paving bonds bearing interest at 4 per cent.	25,000 00
Water Loan bonds bearing interest at 4 per cent.	69,000 00
Metropolitan Park Assessment Loan bonds bearing interest at 3½ per cent.	22,000 00
Total Funded Debt January 1, 1908 .	$1,508,000 00

The foregoing amount represents the net indebtedness of the city, the unfunded liabilities for the temporary loans, etc., being equaled by its assets, which consist of uncollected taxes, sewer and sidewalk assessments, etc.

Taxes.—The assessors' warrant for the tax levy assessed upon the polls and estates of the inhabitants, as of May 1, 1907, was duly submitted to the collector.

The total amount of taxable property was $61,627,200, and the rate established was $17.40 on each $1,000 valuation, as follows:—

Real estate, valuation	$55,372,500 00
Personal estate, valuation	6,155,250 00
Non-resident bank shares	99,450 00
Total valuation	$61,627,200 00
At a rate of $17.40 on each $1,000 valuation	1,072,313 28
Polls, 20,793 at $2	41,586 00
Street watering	29,036 05
Suppression of gypsy and brown-tail moths	1,499 59
Total amount of tax levy . . .	$1,144,434 92
Total number of persons assessed, resident and non-resident, 28,365.	

Appropriations.—The amount of revenue provided by the tax levy may properly be classified as follows:—

	Rates assessed on $1,000 valuation.	Amount.
For current expenses within the control of the board of aldermen . . .	$5 57	$343,600 00
Amounts carried forward .	$5 57	$343,600 00

Amounts brought forward .	$5 57	$343,600 00
Current expenses of departments over which the board of aldermen has no control . . .	6 07	374,000 00
Debt requirements . .	2 72	167,500 00
State and county taxes, metropolitan sewer and park assessments, national bank tax, and Overlay account . .	3 04	187,213 28
Total amount assesssd on a valuation of $61,627,200 at .	$17 40	$1,072,313 28
Poll taxes assessed, credited to state and county		41,586 00
Street watering		29,036 05
Suppression of gypsy and brown-tail moth tax		1,499 59
Total amount of the tax levy . .		$1,144,434 92

The appropriations to the various accounts were as follows:—

ACCOUNTS WITHIN THE CONTROL OF THE BOARD OF ALDERMEN.

Assessors	$10,000 00
City Auditor	725 00
City Clerk	5,500 00
City Engineer	11,500 00
City Messenger	2,000 00
City Solicitor	2,300 00
City Treasurer	9,700 00
Clerk of Committees and Departments .	4,200 00
Contingent Fund	2,675 00
Election Expenses:—	
City Clerk	1,650 00
Commissioner of Public Buildings .	900 00
Pay of Election Officers . . .	2,500 00
Registrars of Voters	1,550 00
Electrical Department	8,200 00
Executive Department	4,000 00
Fire Department	42,000 00
Inspection of Buildings	4,300 00
Military Aid	900 00
Police	46,000 00
Printing and Stationery	2,000 00
Amount carried forward	$162,600 00

Amount brought forward . . .		$162,600 00
Public Buildings Maintenance:—		
City Buildings		10,900 00
Fire Department		3,600 00
Janitors' Salaries		28,500 00
Schoolhouses		30,000 00
Public Grounds		10,700 00
Sealer of Weights and Measures . .		1,300 00
Sidewalks Maintenance		1,000 00
Soldiers' Relief		22,000 00
Somerville Hospital		5,000 00
Street Lights		64,000 00
Suppression of Gypsy and Brown-tail Moths		4,000 00
Total amount assessed on a valuation of $61,627,200 at $5.57 . . .		$343,600 00

ACCOUNTS OVER WHICH THE BOARD OF ALDERMEN HAS NO CONTROL.

Health Department		$8,000 00
Health Department, Collection of Ashes and Offal		40,000 00
Health Department, Contagious Disease Hospital		1,000 00
Health Department, Medical Inspection in Public Schools		1,500 00
Public Library		15,000 00
School Contingent		27,000 00
School Teachers' Salaries . . .		265,000 00
Support of Poor, City Home . . .		2,500 00
Support of Poor, Miscellaneous . .		14,000 00
Total amount assessed on a valuation of $61,627,200 at $6.07 . . .		$374,000 00

ACCOUNTS PROVIDING FOR DEBT REQUIREMENTS.

Interest		$63,000 00
Reduction of Funded Debt . . .		104,500 00
Total amount assessed on a valuation of $61,627,200 at $2.72 . . .		$167,500 00

PROVIDING FOR STATE AND COUNTY TAXES, ETC.

State Tax	$70,160 00	
Deduct one-half of poll taxes,	20,793 00	
		$49,367 00
County Tax	$61,897 01	
Deduct one-half of poll taxes,	20,793 00	
		41,104 01
Amount carried forward		$90,471 01

Amount brought forward	$90,471 01
Metropolitan Sewer Assessment	37,575 77
Metropolitan Park Assessment	28,140 91
National Bank Tax	1,730 43
Overlay and Abatement	21,688 77
Armory Tax	3,868 99
Wellington Bridge Tax	3,737 40
Total amount assessed on a valuation of $61,627,200 at $3.04	$187,213 28

In addition to the above, the following appropriations were made from the various income accounts:—

From the income of the water works:—

Water Maintenance	$25,000 00
Water Loan Interest	3,200 00
Water Works Extension	20,000 00
Sewers Maintenance	12,000 00
Fire Department	30,000 00
Reduction of Funded Debt, Water Loan Bonds	7,000 00
Metropolitan Water Assessment	106,334 61
Interest on Sewer Loan Bonds	9,137 50
Reduction of Funded Debt (estimated)	12,000 00
Total	**$224,672 11**

From the income from the state and county:—

Police, the amount received from the state for corporation taxes	$23,606 35
Amount charged to the state	3,357 13
Police, the amount received from the state for bank taxes	3,803 23
Police, the amount received from the clerk of the courts for fines, costs, etc.	3,538 00
Public Library, the amount received from the county for dog licenses	4,109 54
Highways Maintenance, from Boston Elevated Railway tax	8,908 18
Highways Maintenance, from street railway tax	40,439 71
School Teachers' Salaries, amount received from the state for rent of Armory	1,098 00
Total	$88,860 14
Total from water income and from state and county	$313,532 25

The aggregate appropriations from taxy levy and from income were as follows:—

From tax levy	$1,144,434 92
From income	313,532 25
	$1,457,967 17

The following tables, giving a condensed history of the city's finances, are herewith presented for reference:—

Year.	Amount of Funded Debt.	Increase of Funded Debt.	Reduction of Funded Debt.	Tax Rate per $1,000 Valuation on Account of Reduction of Funded Debt.
Town	$593,349	. .	. .	. .
Dec. 31, 1872	643,354	$50,005	. .	. .
" 1873	809,354	166,000	. .	. .
" 1874	1,419,854	610,500	. .	. .
" 1875	1,571,854	152,000	. .	. .
" 1876	1,606,854	45,000	*$55,130 62	$2 07
" 1877	1,606,854	10,000	*58,828 58	2 30
" 1878	1,596,854	. .	61,004 64	2 91
" 1879	1,585,000	. .	64,915 76	3 42
" 1880	1,585,000	. .	55,739 35	2 72
" 1881	1,585,000	. .	58,498 64	2 59
" 1882	1,585,000	. .	61,390 59	2 65
" 1883	1,585,000	. .	64,479 01	2 70
" 1884	1,585,000	. .	67,719 33	2 78
" 1885	†1,525,000	. .	71,305 66	2 87
" 1886	1,525,000	. .	66,894 23	2 57
" 1887	1,525,000	. .	70,252 88	2 56
" 1888	†860,500	25,000	37,000 00	1 28
" 1889	952,500	130,000	38,000 00	1 27
" 1890	1,057,500	150,000	45,000 00	1 38
" 1891	1,045,500	45,000	57,000 00	1 55
" 1892	1,194,500	253,000	104,000 00	2 73
" 1893	1,279,500	222,000	137,000 00	3 27
" 1894	1,344,500	172,000	107,000 00	2 42
" 1895	1,506,500	247,000	85,000 00	1 83
" 1896	1,531,000	177,000	152,500 00	3 11
" 1897	1,548,000	167,000	150,000 00	2 39
" 1898	1,552,000	176,000	172,000 00	3 99
" 1899	1,492,500	110,000	169,500 00	3 30
" 1900	1,478,000	152,000	166,500 00	3 17
" 1901	1,461,000	146,000	163,000 00	3 02
" 1902	1,477,000	175,000	159,000 00	2 86
" 1903	1,505,500	197,500	169,000 00	2 96
" 1904	1,498,500	132,500	139,500 00	2 40
" 1905	1,510,000	148,000	136 500 00	2 30
" 1906	1,464,500	100,000	145,500 00	2 41
" 1907	1,508,000	198,000	154,500 00	2 51

*$10,000.00 applied to payment of bonds; balance to sinking funds.
†Sinking fund applied.

Year.	Valuation.	Tax Levy.	Rate.
1872	$22,755,325	$274,374 45	$13 00
1873	29,643,100	389,214 48	12 80
1874	30,837,700	473,235 50	15 00
1875	31,317,000	518,161 40	16 20
1876	26,573,400	504,475 24	18 60
1877	25,479,400	471,789 14	18 10
1878	20,976,900	409,497 10	19 00
1879	18,950,100	352,553 80	18 00
1880	20,458,100	402,927 71	19 10
1881	22,569,100	452,945 45	19 50
1882	23,162,200	425,721 16	17 80
1883	23,812,900	411,645 43	16 70
1884	24,331,100	418,750 26	16 60
1885	24,878,400	428,605 44	16 60
1886	26,003,200	416,987 28	15 40
1887	27,471,800	424,309 14	14 80
1888	28,765,400	421,458 60	14 00
1889	30,004,600	440,324 40	14 00
1890	32,557,500	447,704 00	14 00
1891	36,843,400	539,137 10	14 00
1892	38,093,100	596,357 50	15 00
1893	41,873,600	675,886 80	15 50
1894	44,142,900	721,165 54	15 70
1895	46,506,300	745,609 02	15 40
1896	49,070,800	786,412 32	15 40
1897	50,231,000	913,574 42	17 30
1898	50,739,700	954,187 11	17 90
1899	51,262,400	882,580 96	16 30
1900	52,578,200	889,916 08	16 00
1901	53,924,200	907,439 82	15 90
1902	55,558,300	964,535 80	16 40
1903	57,062,000	1,038,849 84	17 20
1904	58,137,900	1,059,292 56	17 20
1905	59,233,000	1,144,000 14	18 30
1906	60,371,500	1,114,023 62	17 40
1907	61,627,200	1,144,434 92	17 40

I recommend that the customary sum of $5,000 be appropriated for the care of the sick poor in the Somerville hospital. This corporation and the board of overseers of the poor are the only bodies by which the public funds can be used for charitable work. You will permit me to again remind you of our many other charitable institutions, all doing a good work on broad and non-sectarian lines, which Somerville has always supported with public spirit and private charity. While we are in the midst of a state of financial depression, which always causes additional

demands in this line, I urge our people not to be lax in their good deeds, for this is a time when the cause is better, if possible, and more necessity prevails for the alleviation of poverty and suffering.

The streets and sidewalks of the city have had the usual efficient efforts of the highway department, which has had an unusually busy year. Many granolithic sidewalks have been constructed in response to the public demand. In the judgment of the department, granolithic appears to be the ideal material for a sidewalk.

Thirteen thousand, eight hundred and fifty yards of permanent pavement have been laid on the more heavily-traveled streets. I recommend that further use of this material be made on Highland avenue this year, as far as our resources will permit. The plan of the department is to lay permanent pavement on the principal arteries of travel as fast as possible, thereby giving the best roads and minimizing the cost of maintenance.

Much progress has been made on the Broadway improvements, and, with the passing of a few more months of good weather, it is expected that this work will be completed. Then we shall have a local boulevard from the Boston line to the foot of Winter hill. Many of the poles on Broadway have already been removed, and the placing of wires under ground has been carried to the extent required by law.

It is expected that this year the Massachusetts highway commission will take Mystic avenue and construct it as a state highway. While this will be of material benefit to the towns beyond Somerville, it will relieve our city of a great cost of maintenance, which has been a burden since the establishment of the town.

It is a cause for regret that the Lowell-street bridge matter has not yet been settled, owing to the delays due to court proceedings brought by the railroad companies. The case is on the list for an early hearing in the supreme court, and it is hoped that it will be speedily determined. The city has made all reasonable efforts to settle the problem outside of the courts, but its propositions have been rejected by the railroad companies.

Considerable progress has been made during the past year toward the abolition of grade crossings on the line of the Fitchburg division of the Boston & Maine railroad, running through the southwesterly portion of the city. Many hearings have

been held before the special grade crossing commission appointed by the court for this particular work. While the commission has not issued its final report on the subject, it has intimated what it will be, which, however, I regret to say, does not wholly meet with the views submitted by the city. Courtesy forbids a discussion of the subject before the issuance of this report, but when it is received it will be within the province of the administration to fully consider it, and, if not satisfactory, to present its wishes when the report is presented to the court for confirmation. This subject is one of such vital interest to the city that I ask that, when you consider it, you give it your closest study and best effort for the good of the whole city.

Early in last year the city acquired the so-called Clarendon-hill ledge. This desirable action is doubly beneficial to the city, inasmuch as it gives a new stone supply for highway purposes and has abated in a large degree a great menace to public safety. It is hoped that in the early future the city may acquire from the city of Cambridge, for a nominal consideration, if any, land in that locality which will furnish a dumping ground for many years to come.

The fire department equipment has been augmented by the purchase of another fire engine of the first class, which has been placed on Clarendon hill for the better protection of that rapidly-growing district. The small amount of fire losses in Somerville is a silent, though powerful, tribute to the efficiency and discipline of our fire department. I recommend that a new chemical be purchased to replace the old one at Clarendon hill, which is not as safe and reliable as is desired.

The executive's suggestion of last year in regard to excessive fire insurance rates has been followed up by presenting a petition and bill to the legislature, and he has appeared before the insurance committee several times. It is hoped that it will report a bill early in the year which will safeguard the rights of property holders and protect them from extortion. It is a fact, coincident or otherwise, that shortly after the introduction of the bill in the legislature, the added insurance rates which followed the San Francisco disaster were withdrawn and canceled. I have urged on the committee the necessity of definite legislation, so that similar conditions may not again arise.

A four-room addition to the Hanscom school building on Webster street has been constructed, in order to relieve the con-

ditions which existed in the schools of ward one. This addition will accommodate 196 pupils. A four-room addition to the Brown school on Willow avenue has been constructed. This addition became necessary on account of the large increase of population in the Highland district. The increased space will greatly relieve the other school centres in the ward six and ward seven districts. The antiquated system of heating and ventilating the Pope school building by furnaces has been entirely removed, and a modern system of steam heating and fan ventilation installed. This improved system greatly adds to the comfort of the pupils and teachers.

The incinerating plant, the construction of which was begun in 1906, was finished last year, and it has been in operation a sufficient length of time to demonstrate its value and efficiency in every way.

A vault has been constructed in the basement of city hall, which will afford the additional space required for the storage of city documents.

In accordance with my recommendation of last year on the subject of building ordinances, a commission of experts was appointed, and it has submitted a draft of building ordinances which, it is believed, will prove to be more in accordance with modern methods of building construction than the old ones, and will materially benefit the city.

By a recent act of the legislature, the installation of water meters is made compulsory, although sufficient time is given, so as not to render it a heavy burden on the city. The work will be commenced this year in ward one, and will be prosecuted until the whole city shall have been equipped. This course appears to be the most equitable and just method of levying and collecting the water tax, as each piece of property thus pays for the actual amount of water that has been consumed.

Somerville maintains its distinguished reputation as the banner no-license city of the state. In the granting of sixth-class liquor licenses and of licenses for the transportation of liquors I urge your most careful attention to each and every applicant, in order that this business may be so restricted as to conform in the greatest degree to the public sentiment so strongly expressed at the polls. I pledge the best attention of the executive and of the police department in strictly enforcing the law. There was especial watchfulness last year, with the re-

sults that there were a great many less arrests for drunkenness and a marked reduction in the number of prosecutions for violation of the liquor laws.

In response to public sentiment and demand, and in fulfilment of a long-deferred duty, the city government last year appropriated $20,000 for a soldiers' monument. After a full and broad competition by some of the best talent obtainable, a contract has been made, and the models are approaching completion. I confidently expect that the result will be pleasing, and that it will be a worthy memorial to those men of Somerville who, on land and sea, served their country during the war of the Rebellion. It is hoped that the cornerstone may be laid on Memorial day of this year, and in a manner befitting the cause which it commemorates. It is especially pleasing to know that many of the participants in that conflict will have lived to see this token of the people's appreciation of their efforts to perpetuate the integrity of the nation.

Somerville has always been a well-governed city. The subject of rule of cities by commission, which is now engaging the attention of the country, has no interest for us, save as it works for progress in the evolution of a great problem. Somerville, inspired by the events which have taken place on her very soil, and true to the underlying principles of Plymouth and of early New England, stands as a model for the sisterhood of American municipalities. Look to it well that you keep her so.

REPORT OF THE CITY TREASURER AND COLLECTOR OF TAXES.

Treasurer's Office, February 13, 1908.

To the Honorable, the Mayor, and the Board of Aldermen of the City of Somerville:—

Gentlemen: The undersigned presents herewith the thirty-sixth annual report of the financial condition of the city, and a statement showing, in detail, the receipts and disbursements for the year ending December 31, 1907.

Public Property.

The value of the public property of the city December 31, 1906, was $5,144,662.92. The property acquired during the year was as follows:—

Vault, City Hall		$1,567 81
Heating Plant, Charles G. Pope School		5,000 00
Addition to Latin High School		700 00
Addition to Benjamin G. Brown School		11,666 12
Addition to Sanford Hanscom School		12,489 53
Incinerator		2,622 02
Fire Apparatus		5,415 45
Water Works Extension		17,039 00
Sewers, Construction		25,765 70
Clarendon Hill Ledge		8,500 00
		$90,765 63
Less Rifle Range Building, abandoned	$693 21	
Whipple Street land	3,000 00	
		3,693 21
		$87,072 42

Total public property December 31, 1907, $5,231,735.34.

Funded Debt.

The funded debt December 31, 1906, as per Table B of the last annual report, was $1,464,500.

The debt was increased during the year by appropriations as follows:—

Electrical Department, Underground Construction	$3,000 00
Fire Department, Additional Apparatus	5,500 00
Highways, Construction	20,500 00
Highways, Construction, Clarendon Hill Ledge	8,500 00
Highways, Paved Gutters and Crossings	10,000 00
Highways, Shade Trees	500 00
Public Buildings Construction:—	
Addition to Benjamin G. Brown School	20,000 00
Addition to Sanford Hanscom School	15,000 00
Amount carried forward	$83,000 00

Amount brought forward	$83,000 00
Bath House	3,000 00
Heating Plant, Charles G. Pope School	6,000 00
Incinerator	2,000 00
Vault, City Hall	2,000 00
Renewal of Funded Debt	10,000 00
Sewers, Construction	60,000 00
Sidewalks, Construction	12,000 00
Soldiers' Monument	20,000 00
Total amount of appropriations on Funded Debt account	$198,000 00

To provide for the above-mentioned appropriations, coupon bonds to the amount of $198,000 at 4 per cent. were issued, viz.:—

City Loan Bonds Nos. 3508 to 3518, payable 1908	$11,000 00
City Loan Bonds Nos. 3519 to 3529, payable 1909	11,000 00
City Loan Bonds Nos. 3530 to 3540, payable 1910	11,000 00
City Loan Bonds Nos. 3541 to 3551, payable 1911	11,000 00
City Loan Bonds Nos. 3552 to 3562, payable 1912	11,000 00
City Loan Bonds Nos. 3563 to 3573, payable 1913	11,000 00
City Loan Bonds Nos. 3574 to 3584, payable 1914	11,000 00
City Loan Bonds Nos. 3585 to 3595, payable 1915	11,000 00
City Loan Bonds Nos. 3596 to 3606, payable 1916	11,000 00
City Loan Bonds Nos. 3607 to 3617, payable 1917	11,000 00
City Loan Bonds Nos. 3618 to 3620, payable 1918	3,000 00
City Loan Bonds Nos. 3621 to 3623, payable 1919	3,000 00
City Loan Bonds Nos. 3624 to 3626, payable 1920	3,000 00
City Loan Bonds Nos. 3627 to 3629, payable 1921	3,000 00
City Loan Bonds Nos. 3630 to 3632, payable 1922	3,000 00
City Loan Bonds Nos. 3633 to 3635, payable 1923	3,000 00
City Loan Bonds Nos. 3636 to 3638, payable 1924	3,000 00
City Loan Bonds Nos. 3639 to 3641, payable 1925	3,000 00
City Loan Bonds Nos. 3642 to 3643, payable 1926	2,000 00
City Loan Bonds Nos. 3644 to 3645, payable 1927	2,000 00
Sewer Loan Bonds Nos. 379 to 438, payable 1908 to 1937	60,000 00
Total amount of bonds issued in 1907	$198,000 00

$71,000 of these bonds were exchanged for registered bonds.

The following bonds became due during the year:—

City Loan Bonds Nos. 3319 to 3327, interest 3½ per cent.	$9,000 00
City Loan Bonds Nos. 1686 to 1691, interest 4 per cent.	6,000 00
City Loan Bonds Nos. 1933 to 1947, interest 4 per cent.	15,000 00
City Loan Bonds Nos. 2148 to 2155, interest 4 per cent.	8,000 00
City Loan Bonds Nos. 2312 to 2320, interest 4 per cent.	9,000 00
City Loan Bonds Nos. 2447 to 2456, interest 4 per cent.	10,000 00
City Loan Bonds Nos. 2571 to 2577, interest 4 per cent.	7,000 00
City Loan Bonds Nos. 2696 to 2705, interest 3½ per cent.	10,000 00
City Loan Bonds Nos. 2818 to 2825, interest 3½ per cent.	8,000 00
City Loan Bonds Nos. 2934 to 2942, interest 3½ per cent.	9,000 00
City Loan Bonds Nos. 3047 to 3055, interest 4 per cent.	9,000 00
City Loan Bonds Nos. 3208 to 3215, interest 4 per cent.	8,000 00
City Loan Bond No. 3216, interest 4 per cent.	500 00
City Loan Bonds Nos. 3428 to 3425, interest 4 per cent.	8,000 00
City Loan Bonds Nos. 3156 to 3157, interest 4 per cent.	2,000 00
Sewer Loan Bond No. 330, interest 3½ per cent.	1,000 00
Amount carried forward	$119,500 00

Amount brought forward	$119,500 00
Sewer Loan Bond No. 66, interest 4 per cent.	1,000 00
Sewer Loan Bond No. 183, interest 4 per cent.	1,000 00
Sewer Loan Bond No. 207, interest 4 per cent.	1,000 00
Sewer Loan Bond No. 229, interest 3½ per cent.	1,000 00
Sewer Loan Bond No. 258, interest 3½ per cent.	1,000 00
Sewer Loan Bond No. 282, interest 4 per cent.	1,000 00
Sewer Loan Bond No. 306, interest 4 per cent.	1,000 00
Sewer Loan Bond No. 359, interest 4 per cent.	1,000 00
Sewer Loan Bond No. 49, interest 4½ per cent.	1,000 00
Sewer Loan Bonds Nos. 117 to 119, interest 4 per cent.	3,000 00
City Loan Paving Bonds Nos. 71 to 75, interest 4 per cent.,	5,000 00
Water Loan Bonds Nos. 267 to 276, interest 4 per cent.	10,000 00
Water Loan Bond No. 291, interest 4 per cent.	1,000 00
Water Loan Bond No. b458, interest 4 per cent.	1,000 00
Water Loan Bonds Nos. 359 to 361, interest 4 per cent.	3,000 00
Water Loan Bonds Nos. 456 to 457, interest 4 per cent.	2,000 00
Metropolitan Park Assessment Loan Bond No. 5, interest 3½ per cent.	1,000 00
Total amount of bonds maturing in 1907	$154,500 00

Leaving the net funded debt December 31, 1907, as per Table B, $1,508,000, classified as follows:—

	Registered.	Coupon.
City Loan Bonds at 3½ per cent.	$119,000 00	$195,000 00
City Loan Bonds at 4 per cent.	75,000 00	713,000 00
Sewer Loan Bonds at 3½ per cent.	32,000 00	40,000 00
Sewer Loan Bonds at 4 per cent.	67,000 00	147,000 00
Sewer Loan Bonds at 4½ per cent.	1,000 00	3,000 00
Paving Loan Bonds at 4 per cent.		25,000 00
Water Loan Bonds at 4 per cent.	31,000 00	38,000 00
Metropolitan Park Assessment Loan Bonds at 3½ per cent.	3,000 00	19,000 00
	$328,000 00	$1,180,000 00

Registered Bonds		$328,000 00
Coupon Bonds		1,180,000 00
		$1,508,000 00
Total Funded Debt, City Loan	$1,102,000 00	
Total Funded Debt, Water Loan	69,000 00	
Total Funded Debt, Paving Loan (outside legal limit)	25,000 00	
Total Funded Debt, Sewer Loan	236,000 00	
Total Funded Debt, Sewer Loan (outside legal limit)	54,000 00	
Total Funded Debt, Metropolitan Park Assessment Loan (outside legal limit)	22,000 00	
		$1,508,000 00

Resources.

The assessors' warrant for the tax levy, assessed upon the polls and estates of the inhabitants, was duly received.

The total amount of taxable property was $61,627,200, and the rate of taxation was $17.40 on each $1,000 valuation, as follows:—

Real estate, valuation	$55,372,500 00
Personal estate, valuation	6,155,250 00
Non-resident bank shares	99,450 00
Total valuation	$61,627,200 00
At a rate of $17.40 on $1,000 valuation	$1,072,313 28
Polls, 20,793 at $2	41,586 00
Street watering	29,036 05
Suppression of gypsy and brown-tail moths	1,499 59
Total amount of tax levy	$1,144,434 92
Borrowed on Funded Debt account to provide for the cost of public improvements and renewals of debt	198,000 00
Water works income	226,001 63
National bank and corporation taxes, applied to Police	30,766 71
Court fees, fines, etc., applied to Police	3,538 00
County of Middlesex, dog licenses, applied to Public Library	4,109 54
Street Railway tax for the year 1907, applied to Highways Maintenance	40,439 71
Boston Elevated Railway tax for the year 1907, applied to Highways Maintenance	8,908 18
Rent of armory, applied to School Teachers' Salaries	1,098 00
Total amount of resources	$1,657,296 69

Appropriations from Funded Debt and from Income.

CREDIT BALANCES.

Electrical Department, Underground Construction		$1,292 17
Fire Department, Additional Apparatus		84 55
Health Department, Contagious Disease Hospital		935 00
Highways, Paved Gutters and Crossings		573 71
Highways, Shade Trees		13 19
Public Buildings Construction:—		
Addition to Benjamin G. Brown School		8,333 88
Addition to Sanford Hanscom School		5,510 47
Bath House		3,000 00
Luther V. Bell School Fire Escapes		31 62
Vault, City Hall		432 19
Soldiers' Monument		19,950 00
Public Library, Isaac Pitman Fund, Income, Art		89 51
Public Library, Isaac Pitman Fund, Income, Poetry		64 92
		$40,311 21

DEBIT BALANCES.

Grade Crossings	$169 80	
Highways, Construction	1,922 51	
Public Buildings Construction:—		
Heating Plant, Charles G. Pope School	948 69	
Incinerator	622 02	
Sewers, Construction	369 01	
Sidewalks, Construction	1,036 83	
		$5,068 86
		$35,242 35

Cash.

Balance on hand January 1, 1907	$92,876 74
Total cash receipts for the year 1907	2,541,942 28
Amount carried forward	$2,634,819 02

Amount brought forward		$2,634,819 02
Total cash disbursements for the year 1907		2,542,709 76
Balance in the treasury December 31, 1907		$92,109 26
Deposits in banks	$88,333 51	
Cash on hand	3,775 75	
	$92,109 26	

Assets and Liabilities.

The assets of the city available for the payment of its unfunded liabilities are as follows:—

Available assets:—

Commonwealth of Massachusetts	$20,281 13	
Highway Betterment Assessments uncollected	1,363 81	
Metered Water Charges uncollected	24,174 76	
Real Estate Liens	1,959 20	
Sewer Assessments uncollected	2,376 59	
Sidewalk Assessments uncollected	6,948 77	
Taxes uncollected	308,826 36	
Cash in treasury	92,109 26	
		$458,039 88

Unfunded liabilities:—

Coupons unpaid	$19,927 50	
Reduction of Funded Debt	14,000 00	
Overplus on Tax Sales	118 13	
Sundry Persons	530 71	
Temporary Loans	380,000 00	
		414,576 34
		$43,463 54

Balance Sheet.

DEBIT.

Public Property	$5,231,735 34	
Excess of available assets	43,463 54	
		$5,275,198 88

CREDIT.

Excess of appropriations from tax levy	$3,715 38	
Excess of appropriations from Funded Debt and from Income	35,242 35	
Excess of appropriations from tax levy, Overlay and Abatement	4,505 81	
Present Funded Debt	1,508,000 00	
	$1,551,463 54	
Property and Debt Balance or Municipal Capital	3,723,735 34	
		$5,275,198 88

A detailed statement of the public property, funded debt, and the receipts and disbursements of the several accounts will be found in the following appendix.

Respectfully submitted,

JOSEPH S. PIKE,

Treasurer and Collector of Taxes.

APPENDIX TO TREASURER AND COLLECTOR'S REPORT.

TABLE A.—PUBLIC PROPERTY DECEMBER 31, 1907.

Central Hill land (389,920 feet)		$270,000 00
City Hall	$35,332 32	
Furniture and fixtures	10,000 00	
Storage vault	1,567 81	
		46,900 13
Public Library building	42,000 00	
Public Library	25,000 00	
		67,000 00
City Hall Annex		20,655 02
Albion A. Perry Schoolhouse, Washington street, land (46,080 feet) and building	36,000 00	
Furniture	1,080 00	
Books	530 00	
		37,610 00
Bingham Schoolhouse, land (35,586 feet) and building	67,405 04	
Furniture	2,600 00	
Books	2,300 00	
		72,305 04
Burns Schoolhouse, land (16,080 feet) and building	33,300 00	
Furniture	1,460 00	
Books	1,000 00	
		35,760 00
Charles G. Pope Schoolhouse, land (27,236 feet) and building	83,600 00	
Furniture	2,160 00	
Books	2,600 00	
		88,360 00
Cummings Schoolhouse, land (11,300 feet) and building	11,200 00	
Furniture	720 00	
Books	500 00	
		12,420 00
Davis Schoolhouse, land (30,155 feet) and building	22,000 00	
Furniture	720 00	
Books	400 00	
		23,120 00
Edgerly Schoolhouse, land (24,000 feet) and building	43,800 00	
Furniture	2,230 00	
Books	2,800 00	
		48,830 00
Amount carried forward		$722,960 19

Amount brought forward		$722,960 19
English High Schoolhouse	134,000 00	
Furniture	3,900 00	
Philosophical and manual training apparatus	8,200 00	
Books	12,000 00	
		158,100 00
Forster Schoolhouse and Annex, land (30,632 feet) and buildings	82,000 00	
Furniture	3,290 00	
Books	4,100 00	
		89,390 00
George L. Baxter Schoolhouse, land (11,000 feet) and building	31,800 00	
Furniture	1,155 64	
Books	450 00	
		33,405 64
George O. Proctor Schoolhouse, building (on Armory lot) (40,244 feet)	41,029 16	
Furniture	1,791 30	
Books	1,200 00	
		44,020 46
George W. Durell Schoolhouse, land (13,883 feet) and building	19,000 00	
Furniture	720 00	
Books	500 00	
		20,220 00
Highland Schoolhouse, land (23,260 feet) and building	58,000 00	
Furniture	2,560 00	
Books	2,800 00	
		63,360 00
Jacob T. Glines Schoolhouse, land (28,800 feet) and building	78,200 00	
Furniture	2,340 00	
Books	2,100 00	
		82,640 00
Latin High Schoolhouse	110,994 76	
Furniture	2,700 00	
Philosophical apparatus	500 00	
Books	3,300 00	
		117,494 76
Lincoln Schoolhouse, land (17,662 feet) and building	17,500 00	
Furniture	720 00	
Books	500 00	
		18,720 00
Luther V. Bell Schoolhouse, land (22,262 feet) and building	46,496 63	
Furniture	2,400 00	
Books	2,400 00	
		51,296 63
Martin W. Carr Schoolhouse, land (20,450 feet) and building	51,000 00	
Furniture	2,800 00	
Books	2,800 00	
		56,600 00
Amount carried forward		$1,458,207 68

Amount brought forward		$1,458,207 68
Morse Schoolhouse, land (29,000 feet) and building	45,859 00	
Furniture	2,340 00	
Books	2,800 00	
		50,999 00
Martha Perry Lowe Schoolhouse, land (21,650 feet) and building	50,346 16	
Furniture	1,480 00	
Books	800 00	
		52,626 16
O. S. Knapp Schoolhouse, land (24,517 feet) and building	48,000 00	
Furniture	2,540 00	
Books	3,000 00	
		53,540 00
Prescott Schoolhouse, land (22,000 feet) and building	64,000 00	
Furniture	2,260 00	
Books	2,700 00	
		68,960 00
Prospect-hill Schoolhouse, land (23,733 feet) and building		15,000 00
Benjamin G. Brown Schoolhouse, land (20,093 feet) and building	50,066 12	
Furniture	1,290 16	
Books	700 00	
		52,056 28
Sanford Hanscom Schoolhouse, land (12,756 feet) and building	60,989 53	
Furniture	1,080 00	
Books	500 00	
		62,569 53
Clark W. Bennett Schoolhouse, land (16,250 feet) and building	57,268 32	
Furniture	2,180 00	
Books	1,000 00	
		60,448 32
William H. Hodgkins Schoolhouse, land (35,034 feet) and building	[illegible] 00	
Furniture	[illegible] 00	
Books	2,000 00	
		74,000 00
City Stables, dwelling houses and 462,623 feet of land	84,000 00	
Health Department, shed	1,189 79	
Incinerator	2,622 02	
Equipments for highway repairs	21,690 00	
Watering carts and sheds	5,000 00	
		114,501 81
Water Works, land and buildings (93,500 feet)		32,000 00
No. 1 Fire Station, land (8,937 feet) and building	33,200 00	
Engine No. 2 and apparatus	4,000 00	
Hose wagon No. 1 and apparatus	1,500 00	
Furniture	400 00	
		39,100 00
Amount carried forward		$2,134,008 78

Amount brought forward		$2,134,008 78
No. 2 Fire Station, land (5,500 feet) and building	10,400 00	
Furniture	400 00	
Hose wagon No. 2 and apparatus	1,500 00	
		12,300 00
No. 3 Fire Station, land (13,700 feet) and building	55,743 18	
Furniture	400 00	
Hose wagon No. 3 and apparatus	1,500 00	
Hook and ladder truck and apparatus	3,400 00	
Engine No. 3	5,375 00	
		66,418 18
No. 4 Fire Station, land (9,100 feet) and building	15,500 00	
Furniture	400 00	
Engine No. 4 and apparatus	4,000 00	
Combination wagon and apparatus	2,500 00	
		22,400 00
No. 5 Fire Station, land (39,000 feet) and building	16,500 00	
Furniture	400 00	
Hose wagon No. 5 and apparatus	1,500 00	
		18,400 00
No. 6 Fire Station, land (8,113 feet) and building	17,600 00	
Furniture	600 00	
Apparatus	10,265 45	
		28,465 45
Hook and Ladder Station No. 2, land (9,903 feet) and building	14,100 00	
Furniture	1,200 00	
Apparatus	7,500 00	
		22,800 00
Central Fire Station, land (11,738 feet) and building	36,700 00	
Furniture	500 00	
Engine No. 1 and apparatus	4,000 00	
Hose wagon and apparatus	2,000 00	
Two relief hose carri[illegible]	1,000 00	
One relief hook [illegible]	400 00	
Chemical Engine [illegible] quipment	2,498 53	
		47,098 53
Fire Alarm and Police Signal apparatus		36,610 00
Police Station, land (15,225 feet) and building	54,000 00	
Furniture	3,000 00	
		57,000 00
City Home, Broadway, land (421,646 feet) and buildings	36,807 64	
Furniture	1,426 09	
		38,233 73
Contagious Disease Hospital	7,193 76	
Land (88,364 feet)	15,600 00	
		22,793 76
Water Works		886,080 81
Sewers		1,205,344 80
Prospect street, land (7,918 feet) and building		6,800 00
Amount carried forward		$4,604,754 04

Amount brought forward		$4,604,754 04
Broadway Park (cost $212,993.20) (700,000 square feet)		270,000 00
Nathan Tufts Park (about 4 54-100 acres, 217,572 feet)		68,000 00
Lincoln Park, Washington street (288,764 square feet)	63,200 00	
Out-door Gymnasium	800 00	
		64,000 00
Prospect-hill Park (94,503 feet)	67,511 75	
Historical Building and Observatory	9,119 55	
		76,631 30
Franklin Park (40,000 feet)		12,000 00
Powder-House Boulevard (200,618 square feet) and building		22,500 00
Joy street, land (2,700 feet)		500 00
Broadway, land (10,890 feet)		2,300 00
College avenue, land (18,000 feet)		6,000 00
Webster avenue, land (10,000 feet)		2,500 00
Holland street, land (217,800 feet)		35,500 00
Gravel land in Waltham (about 35 acres)		15,000 00
Gravel land rear North street (199,043 feet)		4,000 00
Clarendon Hill ledge		8,500 00
Oliver street, land (40,500 feet)		18,000 00
Beacon street, land (10,000 feet)		2,800 00
Passageway on Putnam street (1,135 feet)		400 00
Stand Pipe lot (17,176 feet)		5,100 00
Glen street, land (6,370 feet)		2,300 00
Somerville avenue, land (305 feet)		300 00
Broadway, junction Main street, land (1,260 feet)		900 00
Joy-street playground (20,000 feet)		9,750 00
Total amount of public property		$5,231,735 34

TABLE B.—FUNDED DEBT DECEMBER 31, 1907.

City Loan Bonds.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When Due.	Denomination.	Amount Coupon Bonds.	Amount Reg. Bonds.
April 1, 1905	Reg. 113	3½	Apr. 1, 1908	.....	.....	$9,000
April 1, 1907	Reg. 14	4	Apr. 1, 1908	....	.....	2,000
April 1, 1907	3,510 to 3,518	4	Apr. 1, 1908	$1,000	$9,000	.....
July 1, 1894	1,692 to 1,694 1,696 to 1,697	4	July 1, 1908	1,000	5,000	.....
July 1, 1894	Reg. 177	4	July 1, 1908	.....	.....	1,000
July 1, 1895	1,948 to 1,962	4	July 1, 1908	1,000	15,000	.....
July 1, 1896	2,156 to 2,163	4	July 1, 1908	1,000	8,000	.....
July 1, 1897	2,321 to 2,325	4	July 1, 1908	1,000	5,000	.....
July 1, 1898	2,457 to 2,465	4	July 1, 1908	1,000	9,000	.....
July 1, 1899	2,578 to 2,584	4	July 1, 1908	1,000	7,000	.....
July 2, 1900	2,706 to 2,715	3½	July 1, 1908	1,000	10,000	.....
July 1, 1901	2,826 to 2,832	3½	July 1, 1908	1,000	7,000	.....
July 1, 1902	2,943 to 2,951	3½	July 1, 1908	1,000	9,000	.....
July 1, 1903	3,056 to 3,064	4	July 1, 1908	1,000	9,000	.....
July 1, 1904	3,217 to 3,224	4	July 1, 1908	1,000	8,000	.....
July 1, 1904	3,225	4	July 1, 1908	500	500	.....
July 1, 1906	3,436 to 3,443	4	July 1, 1908	1,000	8,000	.....
Oct. 1, 1903	3,158 to 3,159	4	Oct. 1, 1908	1,000	2,000	.....
April 1, 1905	Reg. 114	3½	Apr. 1, 1909	....	.....	9,000
April 1, 1907	3,519 to 3,529	4	Apr. 1, 1909	1,000	11,000	.....
July 1, 1894	1,698 to 1,703	4	July 1, 1909	1,000	6,000	.....
July 1, 1895	1,963 to 1,976	4	July 1, 1909	1,000	14,000	.....
July 1, 1896	Reg. 171	4	July 1, 1909	.....	.....	8,000
July 1, 1897	2,326 to 2,330	4	July 1, 1909	1,000	5,000	.....
July 1, 1898	2,466 to 2,470	4	July 1, 1909	1,000	5,000	.....
July 1, 1899	2,585 to 2,591	4	July 1, 1909	1,000	7,000	.....
July 2, 1900	2,716 to 2,725	3½	July 1, 1909	1,000	10,000	.....
July 1, 1901	2,833 to 2,839	3½	July 1, 1909	1,000	7,000	.....
	Amounts	carried	forward . .	....	$176,500	$29,000

CITY LOAN BONDS.—Continued.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount Coupon Bonds.	Amount Reg. Bonds.
	Amounts	brought	forward . .	. . . .	$176,500	$29,000
July 1, 1902	Reg. 163	3½	July 1, 1909	.....	.....	9,000
July 1, 1903	3,065 to 3,073	4	July 1, 1909	$1,000	9,000	.....
July 1, 1904	3,226 to 3,233	4	July 1, 1909	1,000	8,000	.....
July 1, 1904	3,234	4	July 1, 1909	500	500	.....
July 1, 1906	3,444 to 3,451	4	July 1, 1909	1,000	8,000	.....
Oct. 1, 1903	3,160 to 3,161	4	Oct. 1, 1909	1,000	2,000	.....
April 1, 1905	Reg. 115	3½	Apr. 1, 1910	.....	.....	9,000
April 1, 1907	3,530 to 3,540	4	Apr. 1, 1910	1,000	11,000	.....
July 1, 1894	1,704 to 1,709	4	July 1, 1910	1,000	6,000	.....
July 1, 1895	1,977 to 1,990	4	July 1, 1910	1,000	14,000	.....
July 1, 1896	2,172 to 2,176	4	July 1, 1910	1,000	5,000	.....
July 1, 1896	Reg. 172	4	July 1, 1910	.....	.....	3,000
July 1, 1897	2,331 to 2,335	4	July 1, 1910	1,000	5,000	.....
July 1, 1898	2,471 to 2,475	4	July 1, 1910	1,000	5,000	.....
July 1, 1899	2,592 to 2,595	4	July 1, 1910	1,000	4,000	.....
July 2, 1900	2,726 to 2,735	3½	July 1, 1910	1,000	10,000	.....
July 1, 1901	2,840 to 2,846	3½	July 1, 1910	1,000	7,000	.....
July 1, 1902	2,961 to 2,966 2,968 to 2,969	3½	July 1, 1910	1,000	8,000	.....
July 1, 1902	Reg. 164	3½	July 1, 1910	.....	.....	1,000
July 1, 1903	3,074 to 3,082	4	July 1, 1910	1,000	9,000	.....
July 1, 1904	3,235 to 3,239	4	July 1, 1910	1,000	5,000	.....
July 1, 1904	3,240	4	July 1, 1910	500	500	.....
July 1, 1904	3,241 to 3,242	4	July 1, 1910	1,000	2,000	.....
July 1, 1904	3,243	4	July 1, 1910	500	500	.....
July 1, 1906	Reg. 7	4	July 1, 1910	.....	.....	8,000
Oct. 1, 1903	3,162 to 3,163	4	Oct. 1, 1910	1,000	2,000	.....
April 1, 1905	Reg. 116	3½	Apr. 1, 1911	.....	.....	9,000
April 1, 1907	Reg. 17	4	Apr. 1, 1911	.....	.....	6,000
April 1, 1907	3,547 to 3,551	4	Apr. 1, 1911	1,000	5,000	.....
	Amounts	carried	forward . .	. . . .	$303,000	$74,000

CITY LOAN BONDS.—Continued.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount Coupon Bonds.	Amount Reg Bonds.
	Amounts	brought	forward . .	.....	$303,000	$74,000
July 1, 1894	1,710 to 1,715	4	July 1, 1911	$1,000	6,000	.....
July 1, 1895	1,991 to 2,004	4	July 1, 1911	1,000	14,000	.....
July 1, 1896	2,180 to 2,187	4	July 1, 1911	1,000	8,000	.....
July 1, 1897	2,336 to 2,340	4	July 1, 1911	1,000	5,000	.....
July 1, 1898	2,476 to 2,480	4	July 1, 1911	1,000	5,000	.....
July 1, 1899	2,596 to 2,599	4	July 1, 1911	1,000	4,000	.....
July 2, 1900	2,736 to 2,740	3½	July 1, 1911	1,000	5,000	.....
July 1, 1901	2,847 to 2,853	3½	July 1, 1911	1,000	7,000	.....
July 1, 1902	2,974 to 2,975	3½	July 1, 1911	1,000	2,000	.....
July 1, 1902	Reg. 165	3½	July 1, 1911	.....	.....	7,000
July 1, 1903	3,083 to 3,091	4	July 1, 1911	1,000	9,000	.....
July 1, 1904	3,244 to 3,248	4	July 1, 1911	1,000	5,000	.....
July 1, 1904	3,249	4	July 1, 1911	500	500	.....
July 1, 1904	3,250 to 3,251	4	July 1, 1911	1,000	2,000	.....
July 1, 1904	3,252	4	July 1, 1911	500	500	.....
July 1, 1906	3,460 to 3,464	4	July 1, 1911	1,000	5,000	.....
July 1, 1906	Reg. 13	4	July 1, 1911	.....	.....	3,000
Oct. 1, 1903	3,164 to 3,165	4	Oct. 1, 1911	1,000	2,000	.....
April 1, 1905	Reg. 117	3½	Apr. 1, 1912	.....	.....	9,000
April 1, 1907	Reg. 15	4	Apr. 1, 1912	.....	.....	2,000
April 1, 1907	3,554 to 3,562	4	Apr. 1, 1912	1,000	9,000	.....
July 1, 1894	1,716 to 1,721	4	July 1, 1912	1,000	6,000	.....
July 1, 1895	2,005 to 2,018	4	July 1, 1912	1,000	14,000	.....
July 1, 1896	2,188 to 2,194	4	July 1, 1912	1,000	7,000	.....
July 1, 1897	2,341 to 2,344	4	July 1, 1912	1,000	4,000	.....
July 1, 1898	2,481 to 2,485	4	July 1, 1912	1,000	5,000	.....
July 1, 1899	2,600 to 2,603	4	July 1, 1912	1,000	4,000	.....
July 2, 1900	2,741 to 2,745	3½	July 1, 1912	1,000	5,000	.....
July 1, 1901	2,854 to 2,857	3½	July 1, 1912	1,000	4,000	.....
	Amounts	carried	forward . .	.....	$441,000	$95,000

CITY LOAN BONDS.—Continued.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount Coupon Bonds.	Amount Reg. Bonds.
	Amounts	brought	forward . .	. . . .	$441,000	$95,000
July 1, 1902	2,979 to 2,980 2,983 to 2,987	3½	July 1, 1912	$1,000	7,000	.....
July 1, 1902	Reg. 166	3½	July 1, 1912	.....	.....	2,000
July 1, 1903	3,092 to 3,100	4	July 1, 1912	1,000	9,000	.....
July 1, 1904	3,253 to 3,257	4	July 1, 1912	1,000	5,000	.....
July 1, 1904	3,258	4	July 1, 1912	500	500	.....
July 1, 1904	3,259 to 3,260	4	July 1, 1912	1,000	2,000	.....
July 1, 1904	3,261	4	July 1, 1912	500	500	.....
July 1, 1906	Reg. 8	4	July 1, 1912	.....	.....	7,000
Oct. 1, 1903	3,166 to 3,167	4	Oct. 1, 1912	1,000	2,000	.....
April 1, 1905	Reg. 118	3½	Apr. 1, 1913	.....	.....	9,000
April 1, 1907	Reg. 48	4	Apr. 1, 1913	.....	.....	1,000
April 1, 1907	3,564 to 3,573	4	Apr. 1, 1913	1,000	10,000	.....
July 1, 1894	1,722 to 1,727	4	July 1, 1913	1,000	6,000	.....
July 1, 1895	2,019 to 2,031	4	July 1, 1913	1,000	13,000	.....
July 1, 1896	2,195 to 2,201	4	July 1, 1913	1,000	7,000	.....
July 1, 1897	2,345 to 2,348	4	July 1, 1913	1,000	4,000	.....
July 1, 1898	2,486 to 2,490	4	July 1, 1913	1,000	5,000	.....
July 1, 1899	2,604 to 2,607	4	July 1, 1913	1,000	4,000	.....
July 2, 1900	2,746 to 2,749	3½	July 1, 1913	1,000	4,000	.....
July 1, 1901	2,858 to 2,861	3½	July 1, 1913	1,000	4,000	.....
July 1, 1902	2,988 to 2,990	3½	July 1, 1913	1,000	3,000	.....
July 1, 1903	3,101 to 3,109	4	July 1, 1913	1,000	9,000	.....
July 1, 1904	3,262 to 3,266	4	July 1, 1913	1,000	5,000	.....
July 1, 1904	3,267	4	July 1, 1913	500	500	.....
July 1, 1904	3,268 to 3,269	4	July 1, 1913	1,000	2,000	.....
July 1, 1904	3,270	4	July 1, 1913	500	500	.....
July 1, 1906	Reg. 9	4	July 1, 1913	.....	.....	7,000
Oct. 1, 1903	3,168 to 3,169	4	Oct. 1, 1913	1,000	2,000	.....
April 1, 1905	Reg. 119	3½	Apr. 1, 1914	.....	.....	8,000
April 1, 1907	3,574 to 3,584	4	Apr. 1, 1914	1,000	11,000	.....
July 1, 1894	1,728 to 1,733	4	July 1, 1914	1,000	6,000	.....
	Amounts	carried	forward . .	. . . .	$563,000	$129,000

CITY LOAN BONDS.—Continued.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount Coupon Bonds.	Amount Reg. Bonds.
	Amounts	brought	forward . .	. . . .	$563,000	$129,000
July 1, 1895	2,032 to 2,044	4	July 1, 1914	$1,000	13,000	.....
July 1, 1896	2,202 to 2,206	4	July 1, 1914	1,000	5,000	.....
July 1, 1896	Reg. 173	4	July 1, 1914	.....	.....	2,000
July 1, 1897	2,349 to 2,352	4	July 1, 1914	1,000	4,000	.....
July 1, 1898	2,491 to 2,495	4	July 1, 1914	1,000	5,000	.....
July 1, 1899	2,608 to 2,611	4	July 1, 1914	1,000	4,000	.....
July 2, 1900	2,750 to 2,753	3½	July 1, 1914	1,000	4,000	.....
July 1, 1901	2,862 to 2,865	3½	July 1, 1914	1,000	4,000	.....
July 1, 1902	2,991 to 2,993	3½	July 1, 1914	1,000	3,000	.....
July 1, 1903	3,110 to 3,113	4	July 1, 1914	1,000	4,000	.....
July 1, 1904	3,271 to 3,275	4	July 1, 1914	1,000	5,000	.....
July 1, 1904	3,276	4	July 1, 1914	500	500	.....
July 1, 1904	3,277 to 3,278	4	July 1, 1914	1,000	2,000	.....
July 1, 1904	3,279	4	July 1, 1914	500	500	.....
July 1, 1906	Reg. 10	4	July 1, 1914	.....	.....	7,000
Oct. 1, 1903	3,170 to 3,171	4	Oct. 1, 1914	1,000	2,000	.....
April 1, 1905	Reg. 120	3½	Apr. 1, 1915	.....	.....	8,000
April 1, 1907	3,585 to 3,595	4	Apr. 1, 1915	1,000	11,000	.....
July 1, 1895	2,045 to 2,057	4	July 1, 1915	1,000	13,000	.....
July 1, 1896	2,209 to 2,215	4	July 1, 1915	1,000	7,000	.....
July 1, 1897	2,353 to 2,356	4	July 1, 1915	1,000	4,000	.....
July 1, 1898	2,496 to 2,500	4	July 1, 1915	1,000	5,000	.....
July 1, 1899	2,612 to 2,614	4	July 1, 1915	1,000	3,000	.....
July 2, 1900	2,754 to 2,757	3½	July 1, 1915	1,000	4,000	.....
July 1, 1901	2,866 to 2,869	3½	July 1, 1915	1,000	4,000	.....
July 1, 1902	2,994 to 2,996	3½	July 1, 1915	1,000	3,000	.....
July 1, 1903	Reg. 175	4	July 1, 1915	.....	.....	4,000
July 1, 1904	3,280 to 3,281	4	July 1, 1915	1,000	2,000	.....
July 1, 1904	3,282	4	July 1, 1915	500	500	.....
July 1, 1906	Reg. 11	4	July 1, 1915	.....	.....	7,000
	Amounts	carried	forward . .	. . . .	$675,500	$157,000

CITY LOAN BONDS.—Continued.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount Coupon Bonds.	Amount Reg. Bonds.
	Amounts	brought	forward . .	. . . . .	$675,500	$157,000
Oct. 1, 1903	3,172 to 3,173	4	Oct. 1, 1915	$1,000	2,000	.....
April 1, 1905	Reg. 121	3½	Apr. 1, 1916	.....	.....	3,000
April 1, 1907	3,596 to 3,606	4	Apr. 1, 1916	1,000	11,000	.....
July 1, 1896	2,216 to 2,222	4	July 1, 1916	1,000	7,000	.....
July 1, 1897	2,357 to 2,360	4	July 1, 1916	1,000	4,000	.....
July 1, 1898	2,501 to 2,505	4	July 1, 1916	1,000	5,000	.....
July 1, 1899	2,615 to 2,617	4	July 1, 1916	1,000	3,000	.....
July 2, 1900	2,758 to 2,761	3½	July 1, 1916	1,000	4,000	.....
July 1, 1901	2,870 to 2,873	3½	July 1, 1916	1,000	4,000	.....
July 1, 1902	2,997 to 2,999	3½	July 1, 1916	1,000	3,000	.....
July 1, 1903	3,118 to 3,121	4	July 1, 1916	1,000	4,000	.....
July 1, 1904	3,283 to 3,284	4	July 1, 1916	1,000	2,000	....
July 1, 1904	3,285	4	July 1, 1916	500	500	.....
July 1, 1906	Reg. 12	4	July 1, 1916	.....	.....	7,000
Oct. 1, 1903	3,174 to 3,175	4	Oct. 1, 1916	1,000	2,000	.....
April 1, 1905	Reg. 122	3½	Apr. 1, 1917	.....	.....	3,000
April 1, 1907	3,607 to 3,617	4	Apr. 1, 1917	1,000	11,000	.....
July 1, 1897	2,361 to 2,364	4	July 1, 1917	1,000	4,000	.....
July 1, 1898	2,506 to 2,510	4	July 1, 1917	1,000	5,000	.....
July 1, 1899	2,618 to 2,620	4	July 1, 1917	1,000	3,000	.....
July 2, 1900	2,762 to 2,765	3½	July 1, 1917	1,000	4,000	.....
July 1, 1901	2,874 to 2,877	3½	July 1, 1917	1,000	4,000	.....
July 1, 1902	3,000 to 3,002	3½	July 1, 1917	1,000	3,000	.....
July 1, 1903	3,122 to 3,125	4	July 1, 1917	1,000	4,000	.....
July 1, 1904	3,286 to 3,287	4	July 1, 1917	1,000	2,000	.....
July 1, 1904	3,288	4	July 1, 1917	500	500	.....
July 1, 1906	3,503	4	July 1, 1917	1,000	1,000	.....
Oct. 1, 1903	3,176 to 3,177	4	Oct. 1, 1917	1,000	2,000	.....
April 1, 1905	Reg. 123	3½	Apr. 1, 1918	.....	.....	3,000
April 1, 1907	3,618 to 3,620	4	Apr. 1, 1918	1,000	3,000	.....
July 1, 1898	2,511 to 2,515	4	July 1, 1918	1,000	5,000	.....
July 1, 1899	2,621 to 2,623	4	July 1, 1918	1,000	3,000	.....
	Amounts	carried	forward . .	. . . .	$781,500	$173,000

CITY LOAN BONDS.—Continued.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount Coupon Bonds.	Amount Reg. Bonds.
	Amounts	brought	forward . .	. . . .	$781,500	$173,000
July 2, 1900	2,766 to 2,769	3½	July 1, 1918	$1,000	4,000	.....
July 1, 1901	2,878 to 2,881	3½	July 1, 1918	1,000	4,000	.....
July 1, 1902	3,003 to 3,005	3½	July 1, 1918	1,000	3,000	.....
July 1, 1903	3,126 to 3,129	4	July 1, 1918	1,000	4,000	.....
July 1, 1904	3,289 to 3,290	4	July 1, 1918	1,000	2,000	.....
July 1, 1904	3,291	4	July 1, 1918	500	500	.....
July 1, 1906	3,504	4	July 1, 1918	1,000	1,000	.....
Oct. 1, 1903	3,178 to 3,179	4	Oct. 1, 1918	1,000	2,000	.....
April 1, 1905	Reg. 124	3½	Apr. 1, 1919	.....	.....	3,000
April 1, 1907	3,621 to 3,623	4	Apr. 1, 1919	1,000	3,000	.....
July 1, 1899	2,624 to 2,625	4	July 1, 1919	1,000	2,000	.....
July 2, 1900	2,770 to 2,773	3½	July 1, 1919	1,000	4,000	.....
July 1, 1901	2,882 to 2,885	3½	July 1, 1919	1,000	4,000	.....
July 1, 1902	3,006 to 3,008	3½	July 1, 1919	1,000	3,000	.....
July 1, 1903	3,130 to 3,133	4	July 1, 1919	1,000	4,000	.....
July 1, 1904	3,292 to 3,293	4	July 1, 1919	1,000	2,000	.....
July 1, 1904	3,294	4	July 1, 1919	500	500	.....
July 1, 1906	3,505	4	July 1, 1919	1,000	1,000	.....
Oct. 1, 1903	3,180 to 3,181	4	Oct. 1, 1919	1,000	2,000	.....
April 1, 1905	Reg. 125	3½	Apr. 1, 1920	.....	.....	3,000
April 1, 1907	3,624 to 3,626	4	Apr. 1, 1920	1,000	3,000	.....
July 2, 1900	2,774 to 2,777	3½	July 1, 1920	1,000	4,000	.....
July 1, 1901	2,886 to 2,889	3½	July 1, 1920	1,000	4,000	.....
July 1, 1902	3,009 to 3,011	3½	July 1, 1920	1,000	3,000	.....
July 1, 1903	3,134 to 3,137	4	July 1, 1920	1,000	4,000	.....
July 1, 1904	3,295 to 3,296	4	July 1, 1920	1,000	2,000	.....
July 1, 1904	3,297	4	July 1, 1920	500	500	.....
July 1, 1906	3,506	4	July 1, 1920	1,000	1,000	.....
Oct. 1, 1903	3,182 to 3,183	4	Oct. 1, 1920	1,000	2,000	.....
April 1, 1905	Reg. 126	3½	Apr. 1, 1921	. . . .	.....	3,000
April 1, 1907	3,627 to 3,629	4	Apr. 1, 1921	1,000	3,000	.....
	Amounts	carried	forward . .	.....	$854,000	$182,000

CITY LOAN BONDS.—Concluded.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount Coupon Bonds.	Amount Reg. Bonds.
	Amounts	brought	forward . .	. . . .	$854,000	$182,000
July 1, 1901	2,890 to 2,893	3½	July 1, 1921	$1,000	4,000	.....
July 1, 1902	3,012 to 3,014	3½	July 1, 1921	1,000	3,000	.....
July 1, 1903	3,138 to 3,141	4	July 1, 1921	1,000	4,000	.....
July 1, 1904	3,298 to 3,299	4	July 1, 1921	1,000	2,000	.....
July 1, 1904	3,300	4	July 1, 1921	500	500	.....
July 1, 1906	3,507	4	July 1, 1921	1,000	1,000	.....
Oct. 1, 1903	3,184 to 3,185	4	Oct. 1, 1921	1,000	2,000	.....
April 1, 1905	Reg. 127	3½	Apr. 1, 1922	.....	.....	3,000
April 1, 1907	3,630 to 3,632	4	Apr. 1, 1922	1,000	3,000	.....
July 1, 1902	3,015 to 3,016	3½	July 1, 1922	1,000	2,000	.....
July 1, 1903	3,142 to 3,145	4	July 1, 1922	1,000	4,000	.....
July 1, 1904	3,301 to 3,302	4	July 1, 1922	1,000	2,000	.....
July 1, 1904	3,303	4	July 1, 1922	500	500	.....
Oct. 1, 1903	3,186 to 3,187	4	Oct. 1, 1922	1,000	2,000	.....
April 1, 1905	Reg. 128	3½	Apr. 1, 1923	.....	.....	3,000
April 1, 1907	3,633 to 3,635	4	Apr. 1, 1923	1,000	3,000	.....
July 1, 1903	3,146 to 3,149	4	July 1, 1923	1,000	4,000	.....
July 1, 1904	3,304 to 3,305	4	July 1, 1923	1,000	2,000	.....
July 1, 1904	3,306	4	July 1, 1923	500	500	.....
Oct. 1, 1903	3,188 to 3,189	4	Oct. 1, 1923	1,000	2,000	.....
April 1, 1905	Reg. 129	3½	Apr. 1, 1924	.....	.....	3,000
April 1, 1907	3,636 to 3,638	4	Apr. 1, 1924	1,000	3,000	.....
July 1, 1904	3,307 to 3,308	4	July 1, 1924	1,000	2,000	.....
July 1, 1904	3,309	4	July 1, 1924	500	500	.....
April 1, 1905	Reg. 130	3½	Apr. 1, 1925	.....	.....	3,000
April 1, 1907	3,639 to 3,641	4	Apr. 1, 1925	1,000	3,000	.....
April 1, 1907	3,642 to 3,643	4	Apr. 1, 1926	1,000	2,000	.....
April 1, 1907	3,644 to 3,645	4	Apr. 1, 1927	1,000	2,000	.....
					$908,000	$194,000

Coupon Bonds . . .	$908,000
Registered Bonds . .	194,000
Total amount of City Loan Bonds	$1,102,000

Sewer Loan Bonds.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount Coupon Bonds.	Amount Reg. Bonds.
April 1, 1905	Reg. 131	3½	Apr. 1, 1908	.....	.....	$1,000
April 1, 1907	Reg. 18	4	Apr. 1, 1908	.....	.....	2,000
July 1, 1894	67	4	July 1, 1908	$1,000	$1,000	.....
July 1, 1897	184	4	July 1, 1908	1,000	1,000	.....
July 1, 1898	208	4	July 1, 1908	1,000	1,000	.....
July 1, 1901	230	3½	July 1, 1908	1,000	1,000	.....
July 1, 1902	259	3½	July 1, 1908	1,000	1,000	.....
July 1, 1903	283	4	July 1, 1908	1,000	1,000	.....
July 1, 1904	307	4	July 1, 1908	1,000	1,000	.....
July 1, 1906	360	4	July 1, 1908	1,000	1,000	.....
Oct. 1, 1893	50	4½	Oct. 1, 1908	1,000	1,000	.....
April 1, 1905	Reg. 132	3½	Apr. 1, 1909	.....	.....	1,000
April 1, 1907	Reg. 19	4	Apr. 1, 1909	.....	.....	2,000
July 1, 1894	68	4	July 1, 1909	1,000	1,000	.....
July 1, 1897	185	4	July 1, 1909	1,000	1,000	.....
July 1, 1898	209	4	July 1, 1909	1,000	1,000	.....
July 1, 1901	231	3½	July 1, 1909	1,000	1,000	.....
July 1, 1902	Reg. 167	3½	July 1, 1909	.....	.....	1,000
July 1, 1903	284	4	July 1, 1909	1,000	1,000	.....
July 1, 1904	308	4	July 1, 1909	1,000	1,000	.....
July 1, 1906	361	4	July 1, 1909	1,000	1,000	.....
Oct. 1, 1893	51	4½	Oct. 1, 1909	1,000	1,000	.....
April 1, 1905	Reg. 133	3½	Apr. 1, 1910	....	.....	1,000
April 1, 1907	Reg. 20	4	Apr. 1, 1910	.....	.....	2,000
July 1, 1894	69	4	July 1, 1910	1,000	1,000	.....
July 1, 1897	186	4	July 1, 1910	1,000	1,000	.....
July 1, 1898	210	4	July 1, 1910	1,000	1,000	.....
July 1, 1901	232	3½	July 1, 1910	1,000	1,000	.....
July 1, 1902	Reg. 168	3½	July 1, 1910	.....	.....	1,000
	Amounts	carried	forward . .	....	$21,000	$11,000

SEWER LOAN BONDS.—Continued.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount Coupon Bonds.	Amount Reg. Bonds.
	Amounts	brought	forward . .	.....	$21,000	$11,000
July 1, 1903	285	4	July 1, 1910	$1,000	1,000	.....
July 1, 1904	309	4	July 1, 1910	1,000	1,000	.....
July 1, 1906	Reg. 1	4	July 1, 1910	.....	.....	1,000
Oct. 1, 1893	Reg. 159	4½	Oct. 1, 1910	.....	.....	1,000
April 1, 1905	Reg. 134	3½	Apr. 1, 1911	.....	.....	1,000
April 1, 1907	Reg. 21	4	Apr. 1, 1911	.....	.....	2,000
July 1, 1894	70	4	July 1, 1911	1,000	1,000	.....
July 1, 1897	187	4	July 1, 1911	1,000	1,000	.....
July 1, 1898	211	4	July 1, 1911	1,000	1,000	.....
July 1, 1901	233	3½	July 1, 1911	1,000	1,000	.....
July 1, 1902	Reg. 169	3½	July 1, 1911	.....	.....	1,000
July 1, 1903	286	4	July 1, 1911	1,000	1,000	.....
July 1, 1904	310	4	July 1, 1911	1,000	1,000	.....
July 1, 1906	363	4	July 1, 1911	1,000	1,000	.....
Oct. 1, 1893	53	4½	Oct. 1, 1911	1,000	1,000	.....
April 1, 1905	Reg. 135	3½	Apr. 1, 1912	.....	.....	1,000
April 1, 1907	Reg. 22	4	Apr. 1, 1912	.....	.....	2,000
July 1, 1894	71	4	July 1, 1912	1,000	1,000	.....
July 1, 1897	188	4	July 1, 1912	1,000	1,000	.....
July 1, 1898	212	4	July 1, 1912	1,000	1,000	.....
July 1, 1901	234	3½	July 1, 1912	1,000	1,000	.....
July 1, 1902	Reg. 170	3½	July 1, 1912	.....	.....	1,000
July 1, 1903	287	4	July 1, 1912	1,000	1,000	.....
July 1, 1904	311	4	July 1, 1912	1,000	1,000	.....
July 1, 1906	Reg. 2	4	July 1, 1912	.....	.....	1,000
April 1, 1905	Reg. 136	3½	Apr. 1, 1913	.....	.....	1,000
April 1, 1907	Reg. 23	4	Apr. 1, 1913	.....	.....	2,000
July 1, 1894	72	4	July 1, 1913	1,000	1,000	.....
	Amounts	carried	forward . .	....	$38,000	$25,000

SEWER LOAN BONDS.—Continued.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount Coupon Bonds.	Amount Reg. Bonds.
	Amounts	brought	forward . .	. . .	$38,000	$25,000
July 1, 1897	189	4	July 1, 1913	$1,000	1,000	.....
July 1, 1898	213	4	July 1, 1913	1,000	1,000	.....
July 1, 1901	235	3½	July 1, 1913	1,000	1,000	.....
July 1, 1902	264	3½	July 1, 1913	1,000	1,000	.....
July 1, 1903	288	4	July 1, 1913	1,000	1,000	.....
July 1, 1904	312	4	July 1, 1913	1,000	1,000	.....
July 1, 1906	Reg. 3	4	July 1, 1913	.....	.....	1,000
April 1, 1905	Reg. 137	3½	Apr. 1, 1914	.....	.....	1,000
April 1, 1907	Reg. 24	4	Apr. 1, 1914	.....	.....	2,000
July 1, 1894	73	4	July 1, 1914	1,000	1,000	.....
July 1, 1897	190	4	July 1, 1914	1,000	1,000	.....
July 1, 1898	214	4	July 1, 1914	1,000	1,000	.....
July 1, 1901	236	3½	July 1, 1914	1,000	1,000	.....
July 1, 1902	265	3½	July 1, 1914	1,000	1,000	.....
July 1, 1903	289	4	July 1, 1914	1,000	1,000	.....
July 1, 1904	313	4	July 1, 1914	1,000	1,000	.....
July 1, 1906	Reg. 4	4	July 1, 1914	.....	.....	1,000
April 1, 1905	Reg. 138	3½	Apr. 1, 1915	.....	.....	1,000
April 1, 1907	Reg. 25	4	Apr. 1, 1915	.....	.....	2,000
July 1, 1897	191	4	July 1, 1915	1,000	1,000	.....
July 1, 1898	215	4	July 1, 1915	1,000	1,000	.....
July 1, 1901	237	3½	July 1, 1915	1,000	1,000	.....
July 1, 1902	266	3½	July 1, 1915	1,000	1,000	.....
July 1, 1903	Reg. 174	4	July 1, 1915	.....	.....	1,000
July 1, 1904	314	4	July 1, 1915	1,000	1,000	.....
July 1, 1906	Reg. 5	4	July 1, 1915	.....	.....	1,000
April 1, 1905	Reg. 139	3½	Apr. 1, 1916	.....	.....	1,000
April 1, 1907	Reg. 26	4	Apr. 1, 1916	.....	.....	2,000
July 1, 1897	192	4	July 1, 1916	1,000	1,000	.....
	Amounts	carri ed	f orward . .	. . .	$57,000	$38,000

SEWER LOAN BONDS.—Continued.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount Coupon Bonds.	Amount Reg. Bonds.
	Amounts	brought	forward . .	. . .	$57,000	$38,000
July 1, 1898	216	4	July 1, 1916	$1,000	1,000	.....
July 1, 1901	238	3½	July 1, 1916	1,000	1,000	.....
July 1, 1902	267	3½	July 1, 1916	1,000	1,000	.....
July 1, 1903	291	4	July 1, 1916	1,000	1,000	.....
July 1, 1904	315	4	July 1, 1916	1,000	1,000	.....
July 1, 1906	Reg. 6	4	July 1, 1916	.....	.....	1,000
April 1, 1905	Reg. 140	3½	Apr. 1, 1917	.....	.....	1,000
April 1, 1907	Reg. 27	4	Apr. 1, 1917	.....	.....	2,000
July 1, 1897	193	4	July 1, 1917	1,000	1,000	.....
July 1, 1898	217	4	July 1, 1917	1,000	1,000	.....
July 1, 1901	239	3½	July 1, 1917	1,000	1,000	.....
July 1, 1902	268	3½	July 1, 1917	1,000	1,000	.....
July 1, 1903	292	4	July 1, 1917	1,000	1,000	.....
July 1, 1904	316	4	July 1, 1917	1,000	1,000	.....
July 1, 1906	369	4	July 1, 1917	1,000	1,000	.....
April 1, 1905	Reg. 141	3½	Apr. 1, 1918	.....	.....	1,000
April 1, 1907	Reg. 28	4	Apr. 1, 1918	.....	.....	2,000
July 1, 1897	194	4	July 1, 1918	1,000	1,000	.....
July 1, 1898	218	4	July 1, 1918	1,000	1,000	.....
July 1, 1901	240	3½	July 1, 1918	1,000	1,000	.....
July 1, 1902	269	3½	July 1, 1918	1,000	1,000	.....
July 1, 1903	293	4	July 1, 1918	1,000	1,000	.....
July 1, 1904	317	4	July 1, 1918	1,000	1,000	.....
July 1, 1906	370	4	July 1, 1918	1,000	1,000	.....
April 1, 1905	Reg. 142	3½	Apr. 1, 1919	.....	.....	1,000
April 1, 1907	Reg. 29	4	Apr. 1, 1919	.....	.....	2,000
July 1, 1897	195	4	July 1, 1919	1,000	1,000	.....
July 1, 1898	219	4	July 1, 1919	1,000	1,000	.....
July 1, 1901	241	3½	July 1, 1919	1,000	1,000	.....
	Amounts	carried	forward . .	. . .	$79,000	$48,000

SEWER LOAN BONDS.—Continued.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount Coupon Bonds.	Amount Reg. Bonds.
	Amounts	brought	forward .	. . .	$79,000	$48,000
July 1, 1902	270	3½	July 1, 1919	$1,000	1,000	.....
July 1, 1903	294	4	July 1, 1919	1,000	1,000	.....
July 1, 1904	318	4	July 1, 1919	1,000	1,000	.....
July 1, 1906	371	4	July 1, 1919	1,000	1,000	.....
April 1, 1905	Reg. 143	3½	Apr. 1, 1920	.....	.....	1,000
April 1, 1907	Reg. 30	4	Apr. 1, 1920	.....	.....	2,000
July 1, 1897	196	4	July 1, 1920	1,000	1,000	.....
July 1, 1898	220	4	July 1, 1920	1,000	1,000	.....
July 1, 1901	242	3½	July 1, 1920	1,000	1,000	.....
July 1, 1902	271	3½	July 1, 1920	1,000	1,000	.....
July 1, 1903	295	4	July 1, 1920	1,000	1,000	.....
July 1, 1904	319	4	July 1, 1920	1,000	1,000	.....
July 1, 1906	372	4	July 1, 1920	1,000	1,000	.....
April 1, 1905	Reg. 144	3½	Apr. 1, 1921	.....	.....	1,000
April 1, 1907	Reg. 31	4	Apr. 1, 1921	.....	.....	2,000
July 1, 1897	197	4	July 1, 1921	1,000	1,000	.....
July 1, 1898	221	4	July 1, 1921	1,000	1,000	.....
July 1, 1901	243	3½	July 1, 1921	1,000	1,000	.....
July 1, 1902	272	3½	July 1, 1921	1,000	1,000	.....
July 1, 1903	296	4	July 1, 1921	1,000	1,000	.....
July 1, 1904	320	4	July 1, 1921	1,000	1,000	.....
July 1, 1906	373	4	July 1, 1921	1,000	1,000	.....
April 1, 1905	Reg. 145	3½	Apr. 1, 1922	.....	.....	1,000
April 1, 1907	Reg. 32	4	Apr. 1, 1922	.....	.....	2,000
July 1, 1897	198	4	July 1, 1922	1,000	1,000	.....
July 1, 1898	222	4	July 1, 1922	1,000	1,000	.....
July 1, 1901	244	3½	July 1, 1922	1,000	1,000	.....
July 1, 1902	273	3½	July 1, 1922	1,000	1,000	.....
July 1, 1903	297	4	July 1, 1922	1,000	1,000	.....
	Amounts	carried	forward .	. . .	$102,000	$57,000

SEWER LOAN BONDS.—Continued.

DATE.	Number of Bonds.	Rate per cent. of Interest	When due.	Denomination.	Amount Coupon Bonds.	Amount Reg. Bonds.
	Amounts	brought	forward .	. . .	$102,000	$57,000
July 1, 1904	321	4	July 1, 1922	$1,000	1,000	.....
July 1, 1906	374	4	July 1, 1922	1,000	1,000	.....
April 1, 1905	Reg. 146	3½	Apr. 1, 1923	.....	.....	1,000
April 1, 1907	Reg. 33	4	Apr. 1, 1923	.....	.....	2,000
July 1, 1898	223	4	July 1, 1923	1,000	1,000	.....
July 1, 1901	245	3½	July 1, 1923	1,000	1,000	.....
July 1, 1902	274	3½	July 1, 1923	1,000	1,000	.....
July 1, 1903	298	4	July 1, 1923	1,000	1,000	.....
July 1, 1904	322	4	July 1, 1923	1,000	1,000	.....
July 1, 1906	375	4	July 1, 1923	1,000	1,000	.....
April 1, 1905	Reg. 147	3½	Apr. 1, 1924	.....	.....	1,000
April 1, 1907	Reg. 34	4	Apr. 1, 1924	.....	.....	2,000
July 1, 1901	246	3½	July 1, 1924	1,000	1,000	.....
July 1, 1902	275	3½	July 1, 1924	1,000	1,000	.....
July 1, 1903	299	4	July 1, 1924	1,000	1,000	.....
July 1, 1904	323	4	July 1, 1924	1,000	1,000	.....
July 1, 1906	376	4	July 1, 1924	1,000	1,000	.....
April 1, 1905	Reg. 148	3½	Apr. 1, 1925	.....	.....	1,000
April 1, 1907	Reg. 35	4	Apr. 1, 1925	.....	.....	2,000
July 1, 1901	247	3½	July 1, 1925	1,000	1,000	.....
July 1, 1902	276	3½	July 1, 1925	1,000	1,000	.....
July 1, 1903	300	4	July 1, 1925	1,000	1,000	.....
July 1, 1904	324	4	July 1, 1925	1,000	1,000	.....
July 1, 1906	377	4	July 1, 1925	1,000	1,000	.....
April 1, 1905	Reg. 149	3½	Apr. 1, 1926	.....	.....	1,000
April 1, 1907	Reg. 36	4	Apr. 1, 1926	.....	.....	2,000
July 1, 1901	248	3½	July 1, 1926	1,000	1,000	.....
July 1, 1902	277	3½	July 1, 1926	1,000	1,000	.....
July 1, 1903	301	4	July 1, 1926	1,000	1,000	.....
	Amounts	carried	forward .	. . .	$123,000	$69,000

SEWER LOAN BONDS.—Continued.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination	Amount Coupon Bonds.	Amount Reg. Bonds.
	Amounts	brought	forward . .	. . .	$123,000	$69,000
July 1, 1904	325	4	July 1, 1926	$1,000	1,000	.....
July 1, 1906	378	4	July 1, 1926	1,000	1,000	.....
April 1, 1905	Reg. 150	3½	Apr. 1, 1927	.....	.....	1,000
April 1, 1907	Reg. 37	4	Apr. 1, 1927	.....	.....	2,000
July 1, 1901	249	3½	July 1, 1927	1,000	1,000	.....
July 1, 1902	278	3½	July 1, 1927	1,000	1,000	.....
July 1, 1903	302	4	July 1, 1927	1,000	1,000	.....
July 1, 1904	326	4	July 1, 1927	1,000	1,000	.....
April 1, 1905	Reg. 151	3½	Apr. 1, 1928	.....	.....	1,000
April 1, 1907	Reg. 38	4	Apr. 1, 1928	.....	.....	2,000
July 1, 1901	250	3½	July 1, 1928	1,000	1,000	.....
July 1, 1903	303	4	July 1, 1928	1,000	1,000	.....
July 1, 1904	327	4	July 1, 1928	1,000	1,000	.....
April 1, 1905	Reg. 152	3½	Apr. 1, 1929	.....	.....	1,000
April 1, 1907	Reg. 39	4	Apr. 1, 1929	.....	.....	2,000
July 1, 1901	251	3½	July 1, 1929	1,000	1,000	.....
July 1, 1904	328	4	July 1, 1929	1,000	1,000	.....
April 1, 1905	Reg. 153	3½	Apr. 1, 1930	.....	.....	1,000
April 1, 1907	Reg. 40	4	Apr. 1, 1930	.....	.....	2,000
July 1, 1901	252	3½	July 1, 1930	1,000	1,000	.....
April 1, 1905	Reg. 154	3½	Apr. 1, 1931	.....	.....	1,000
April 1, 1907	Reg. 41	4	Apr. 1, 1931	.....	.....	2,000
July 1, 1901	253	3½	July 1, 1931	1,000	1,000	.....
April 1, 1905	Reg. 155	3½	Apr. 1, 1932	.....	.....	1,000
April 1, 1907	Reg. 42	4	Apr. 1, 1932	.....	.....	2,000
April 1, 1905	Reg. 156	3½	Apr. 1, 1933	.....	.....	1,000
April 1, 1907	Reg. 43	4	Apr. 1, 1933	.....	.....	2,000
April 1, 1905	Reg. 157	3½	Apr. 1, 1934	.....	.....	1,000
April 1, 1907	Reg. 44	4	Apr. 1, 1934	.....	.....	2,000
	Amounts	carried	forward . .	. . .	$136,000	$93,000

SEWER LOAN BONDS.—Continued.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount Coupon Bonds.	Amount Reg. Bonds.
	Amounts	brought	forward . .	. . .	$136,000	$93,000
April 1, 1905	Reg. 158	3½	Apr. 1, 1935	.....	.....	1,000
April 1, 1907	Reg. 45	4	Apr. 1, 1935	.....	.....	2,000
April 1, 1907	Reg. 46	4	Apr. 1, 1936	.....	.....	2,000
April 1, 1907	Reg. 47	4	Apr. 1, 1937	.....	.....	2,000
					$136,000	$100,000

Coupon Bonds $136,000
Registered Bonds 100,000

Total amount of Sewer Loan Bonds under debt limit, $236,000

SEWER LOAN BONDS.—Concluded.

ISSUED UNDER AUTHORITY OF CHAPTER 357, ACTS OF 1895, BEYOND THE LIMIT FIXED BY LAW.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount.
July 1, 1895	120 to 122	4	July 1, 1908	$1,000	$3,000
July 1, 1895	123 to 125	4	July 1, 1909	1,000	3,000
July 1, 1895	126 to 128	4	July 1, 1910	1,000	3,000
July 1, 1895	129 to 131	4	July 1, 1911	1,000	3,000
July 1, 1895	132 to 134	4	July 1, 1912	1,000	3,000
July 1, 1895	135 to 137	4	July 1, 1913	1,000	3,000
July 1, 1895	138 to 140	4	July 1, 1914	1,000	3,000
July 1, 1895	141 to 143	4	July 1, 1915	1,000	3,000
July 1, 1895	144 to 146	4	July 1, 1916	1,000	3,000
July 1, 1895	147 to 149	4	July 1, 1917	1,000	3,000
July 1, 1895	150 to 152	4	July 1, 1918	1,000	3,000
July 1, 1895	153 to 155	4	July 1, 1919	1,000	3,000
July 1, 1895	156 to 158	4	July 1, 1920	1,000	3,000
July 1, 1895	159 to 161	4	July 1, 1921	1,000	3,000
July 1, 1895	162 to 164	4	July 1, 1922	1,000	3,000
July 1, 1895	165 to 167	4	July 1, 1923	1,000	3,000
July 1, 1895	168 to 170	4	July 1, 1924	1,000	3,000
July 1, 1895	171 to 173	4	July 1, 1925	1,000	3,000
Total amount	of Sewer Loan	Bonds	under above	Act . .	$54,000

City Loan Paving Bonds.

ISSUED UNDER AUTHORITY OF CHAPTER 153, ACTS OF 1892, BEYOND THE LIMIT FIXED BY LAW.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount.
October 1, 1892	76 to 80	4	Oct. 1, 1908	$1,000	$5,000
October 1, 1892	81 to 85	4	Oct. 1, 1909	1,000	5,000
October 1, 1892	86 to 90	4	Oct. 1, 1910	1,000	5,000
October 1, 1892	91 to 95	4	Oct. 1, 1911	1,000	5,000
October 1, 1892	96 to 100	4	Oct. 1, 1912	1,000	5,000
	Total amount of	Paving	Bonds . .	. . .	$25,000

Water Loan Bonds.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount Coupon Bonds.	Amount Reg. Bonds.
July 1, 1888	292	4	July 1, 1908	$1,000	$1,000	.....
July 1, 1896	b459	4	July 1, 1908	1,000	1,000	.....
Oct. 1, 1889	Reg. 101	4	Oct. 1, 1908	.....	.....	$3,000
Oct. 1, 1890	458 to 459	4	Oct. 1, 1908	1,000	2,000	.....
July 1, 1888	293	4	July 1, 1909	1,000	1,000	.....
Oct. 1, 1889	Reg. 102	4	Oct. 1, 1909	.....	.....	3,000
Oct. 1, 1890	423 to 424	4	Oct. 1, 1909	1,000	2,000	.....
July 1, 1888	294	4	July 1, 1910	1,000	1,000	.....
Oct. 1, 1889	Reg. 103	4	Oct. 1, 1910	.....	.....	3,000
Oct. 1, 1890	426 to 427	4	Oct. 1, 1910	1,000	2,000	.....
July 1, 1888	295	4	July 1, 1911	1,000	1,000	.....
Oct. 1, 1889	Reg. 104	4	Oct. 1, 1911	.....	.....	3,000
Oct. 1, 1890	428 to 429	4	Oct. 1, 1911	1,000	2,000	.....
July 1, 1888	296	4	July 1, 1912	1,000	1,000	.....
Oct. 1, 1889	Reg. 105	4	Oct. 1, 1912	.....	.....	3,000
Oct. 1, 1890	430 to 431	4	Oct. 1, 1912	1,000	2,000	.....
July 1, 1888	297	4	July 1, 1913	1,000	1,000	.....
Oct. 1, 1889	Reg. 106	4	Oct. 1, 1913	.....	.....	3,000
Oct. 1, 1890	432 to 433	4	Oct. 1, 1913	1,000	2,000	.....
July 1, 1888	298	4	July 1, 1914	1,000	1,000	.....
Oct. 1, 1889	Reg. 107	4	Oct. 1, 1914	.....	.....	3,000
Oct. 1, 1890	434 to 435	4	Oct. 1, 1914	1,000	2,000	.....
July 1, 1888	299	4	July 1, 1915	1,000	1,000	.....
Oct. 1, 1889	Reg. 108	4	Oct. 1, 1915	.....	.....	2,000
Oct. 1, 1890	436 to 437	4	Oct. 1, 1915	1,000	2,000	.....
July 1, 1888	300	4	July 1, 1916	1,000	1,000	.....
Oct. 1, 1889	Reg. 109	4	Oct. 1, 1916	.....	.....	2,000
Oct. 1, 1890	438 to 439	4	Oct. 1, 1916	1,000	2,000	.....
	Amounts	carried	forward . .	.....	$28,000	$25,000

WATER LOAN BONDS.—Concluded.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount. Coupon Bonds.	Amount Reg. Bonds.
	Amounts	brought	forward . .	.....	$28,000	$25,000
July 1, 1888	301	4	July 1, 1917	$1,000	1,000	.....
Oct. 1, 1889	Reg. 110	4	Oct. 1, 1917	.....	.....	2,000
Oct. 1, 1890	440 to 441	4	Oct. 1, 1917	1,000	2,000	.....
July 1, 1888	302	4	July 1, 1918	1,000	1,000	.....
Oct. 1, 1889	Reg. 111	4	Oct. 1, 1918	.....	.....	2,000
Oct. 1, 1890	442 to 443	4	Oct. 1, 1918	1,000	2,000	.....
Oct. 1, 1889	Reg. 112	4	Oct. 1, 1919	.....	.....	2,000
Oct. 1, 1890	444 to 445	4	Oct. 1, 1919	1,000	2,000	.....
Oct. 1, 1890	446 to 447	4	Oct. 1, 1920	1,000	2,000	.....
					$38,000	$31,000

Coupon Bonds . .	$38,000
Registered Bonds .	31,000
Total amount Water Loan Bonds	$69,000

Metropolitan Park Assessment Loan Bonds.

ISSUED UNDER AUTHORITY OF CHAPTER 225, ACTS OF 1902, BEYOND THE LIMIT FIXED BY LAW.

DATE.	Number of Bonds.	Rate per cent. of Interest.	When due.	Denomination.	Amount Coupon Bonds.	Amount Reg. Bonds.
July 1, 1902	6	3½	July 1, 1908	$1,000	$1,000	.....
July 1, 1902	Reg. 160	3½	July 1, 1909	.....	.....	$1,000
July 1, 1902	8	3½	July 1, 1910	1,000	1,000	.....
July 1, 1902	Reg. 161	3½	July 1, 1911	.....	.....	1,000
July 1, 1902	Reg. 162	3½	July 1, 1912	.....	.....	1,000
July 1, 1902	11	3½	July 1, 1913	1,000	1,000	.....
July 1, 1902	12	3½	July 1, 1914	1,000	1,000	.....
July 1, 1902	13	3½	July 1, 1915	1,000	1,000	.....
July 1, 1902	14	3½	July 1, 1916	1,000	1,000	.....
July 1, 1902	15	3½	July 1, 1917	1,000	1,000	.....
July 1, 1902	16	3½	July 1, 1918	1,000	1,000	.....
July 1, 1902	17	3½	July 1, 1919	1,000	1,000	.....
July 1, 1902	18	3½	July 1, 1920	1,000	1,000	.....
July 1, 1902	19	3½	July 1, 1921	1,000	1,000	.....
July 1, 1902	20	3½	July 1, 1922	1,000	1,000	.....
July 1, 1902	21	3½	July 1, 1923	1,000	1,000	.....
July 1, 1902	22	3½	July 1, 1924	1,000	1,000	.....
July 1, 1902	23	3½	July 1, 1925	1,000	1,000	.....
July 1, 1902	24	3½	July 1, 1926	1,000	1,000	.....
July 1, 1902	25	3½	July 1, 1927	1,000	1,000	.....
July 1, 1902	26	3½	July 1, 1928	1,000	1,000	.....
July 1, 1902	27	3½	July 1, 1929	1,000	1,000	.....
					$19,000	$3,000

Coupon Bonds $19,000
Registered Bonds 3,000

Total amount Met. Park Assessment Loan Bonds, $22,000

Recapitulation.

City Loan Bonds	$1,102,000 00	
Sewer Loan Bonds	236,000 00	
Total amount of Funded Debt within the limit provided by law		$1,338,000 00
Sewer Loan Bonds, issued under Chapter 357, Acts of 1895	$54,000 00	
City Loan Paving Bonds, issued under Chapter 153, Acts of 1892	25,000 00	
Metropolitan Park Assessment Loan Bonds, issued under Chapter 325, Acts of 1902	22,000 00	
Total amount of Funded Debt outside of the limit allowed by law, issued under special Acts		101,000 00
Water Loan Bonds		69,000 00
Total amount of Funded Debt		$1,508,000 00

TABLE C.—STATEMENT OF ACCOUNTS, SHOWING APPROPRIATIONS, EXPENDITURES, ETC., TO DECEMBER 31, 1907.

Appropriations.

CREDIT.

Taxes, amount assessed for municipal purposes	$885,100 00
Property and Debt Balance, amount provided by issue of bonds	198,000 00
	$1,083,100 00

DEBIT.

Appropriations from tax levy:—		
Assessors	$10,000 00	
City Auditor	725 00	
City Clerk	5,500 00	
City Engineer	11,500 00	
City Messenger	2,000 00	
City Solicitor	2,300 00	
City Treasurer	9,700 00	
Clerk of Committees and Departments	4,200 00	
Contingent Fund	2,675 00	
Election Expenses:—		
City Clerk	1,650 00	
Commissioner of Public Buildings	900 00	
Pay of Election Officers	2,500 00	
Registrars of Voters	1,550 00	
Electrical Department	8,200 00	
Executive Department	4,000 00	
Fire Department	42,000 00	
Health Department	8,000 00	
Collection of Ashes and Offal	40,000 00	
Hospital for Contagious Diseases	1,000 00	
Medical Inspection in Public Schools	1,500 00	
Inspection of Buildings	4,300 00	
Interest	63,000 00	
Military Aid	900 00	
Police	46,000 00	
Printing and Stationery	2,000 00	
Public Buildings Maintenance:—		
City Buildings	10,900 00	
Fire Department	3,600 00	
Janitors' Salaries	28,500 00	
Schoolhouses	30,000 00	
Public Grounds	10,700 00	
Public Library	15,000 00	
Reduction of Funded Debt	104,500 00	
School Contingent	27,000 00	
School Teachers' Salaries	265,000 00	
Sealer of Weights and Measures	1,300 00	
Sidewalks, Maintenance	1,000 00	
Soldiers' Relief	22,000 00	
Somerville Hospital	5,000 00	
Street Lights	64,000 00	
Support of Poor, City Home	2,500 00	
Support of Poor, Miscellaneous	14,000 00	
Suppression of Gypsy and Brown-tail Moths	4,000 00	
		$885,100 00
Amount carried forward		$885,100 00

Amount brought forward		$885,100 00
Appropriations on Funded Debt account:—		
Electrical Department, Underground Construction	$3,000 00	
Fire Department, Additional Apparatus	5,500 00	
Highways, Construction	20,500 00	
Highways, Construction, Clarendon Hill Ledge	8,500 00	
Highways, Paved Gutters and Crossings	10,000 00	
Highways, Shade Trees	500 00	
Public Buildings Construction:—		
Addition to Benjamin G. Brown School,	20,000 00	
Addition to Sanford Hanscom School	15,000 00	
Bath House	3,000 00	
Heating Plant, Charles G. Pope School,	6,000 00	
Incinerator	2,000 00	
Vault, City Hall	2,000 00	
Renewal of Funded Debt	10,000 00	
Sewers, Construction	60,000 00	
Sidewalks, Construction	12,000 00	
Soldiers' Monument	20,000 00	
		$198,000 00
		$1,083,100 00

Assessors.

CREDIT.

Appropriations, from Taxes, 1907	$10,000 00
City Treasurer account, amount transferred	400 00
Contingent Fund account, amount transferred	100 00
Excess and Deficiency account, balance transferred	463 49
	$10,963 49

DEBIT.

(Expenditures.)

Cash, paid George W. Perkins, salary as chairman of the board of assessors	$1,800 00	
Benjamin F. Thompson, assessor	800 00	
Nathan H. Reed, assessor	800 00	
George E. Elliott, assessor	800 00	
Winsor L. Snow, assessor	800 00	
Fred B. Clapp, assistant assessor	250 00	
John J. Sheeran, assistant assessor	250 00	
John F. Stackpole, assistant assessor	250 00	
James Wilson, assistant assessor	250 00	
Charles F. Cuddy, assistant assessor	250 00	
James A. Butler, assistant assessor	250 00	
Jennie L. Jones, first assistant clerk	749 94	
carfares	12 60	
Mabel E. Hall, second assistant clerk	600 00	
carfares	95	
Abbie D. Southworth, third assistant clerk	500 00	
Theodore H. Locke, clerical services	46 00	
Raymond A. Farr, clerical services	46 00	
William M. Elliott, clerical services	52 00	
William L. Taylor, clerical services	52 00	
Eva V. Tukey, clerical services	186 00	
Amount carried forward	$8,745 49	

Amount brought forward	$8,745 49	
Marcella F. Kendall, clerical services	16 00	
Mildred A. Merrill, clerical services	169 32	
Florence R. Kenneson, clerical services	122 66	
Loena A. Snowman, clerical services	117 33	
Marion L. Morrison, clerical services	128 00	
Florence Ham, clerical services	129 33	
Bertha M. Boyd, clerical services	104 00	
Effie M. Ritchie, clerical services	114 67	
Josephine M. Briggs, clerical services	126 00	
American Express Co., expressing	20	
Somerville Post-office, postage	10 00	
L. E. Clayton, stationery	1 00	
Carter's Ink Co., ink	1 13	
W. A. Greenough & Co., directory	4 00	
E. F. Hicks, lunch	10 00	
Wesley A. Maynard, advertising	28 65	
New England Telephone & Telegraph Co., service	56 00	
Pneumatic Hand Stamp Co., stamps	18	
Harry J. Ramsey, postage	22 00	
Somerville Journal Co., printing and advertising	809 96	
Somerville Sun, advertising	7 50	
Yawman & Erbe Mfg. Co., stationery	3 80	
S. Ward Co., stationery	219 57	
Webcowit Press, printing	14 50	
	$10,961 29	
City Treasurer account, repairing adding machine	2 20	
		$10,963 49

Cash.

RECEIPTS.

Balance from 1906		$92,876 74
City Clerk	$2,175 89	
City Engineer	45 00	
City Treasurer	5,499 43	
Clerk of Committees and Departments	13 63	
Contingent Fund	618 80	
County of Middlesex	4,709 54	
Electrical Department	597 59	
Fire Department	1,891 46	
Funded Debt	198,000 00	
Health Department	1,444 54	
Health Department, Collection of Ashes and Offal	8,153 89	
Health Department, Contagious Disease Hospital	6,619 10	
Health Department, Contagious Disease Hospital, Department Accounts	2,329 24	
Highway Betterment Assessments	3,350 14	
Highways, Construction	1,102 66	
Highways, Maintenance	10,235 69	
Highways, Paved Gutters and Crossings	122 35	
Highways, Watering Streets	115 00	
Inspection of Buildings	91 31	
Amounts carried forward	$247,115 26	$92,876 74

Amounts brought forward	$247,115 26	$92,876 74
Interest	11,428 64	
Metered Water Charges	25,928 62	
Military Aid	20 00	
Overlay and Abatement	2 00	
Police	4,095 01	
Printing and Stationery	64 71	
Public Buildings Maintenance:—		
City Buildings	247 00	
Schoolhouses	138 36	
Public Grounds	216 30	
Public Library	969 17	
Public Library, Isaac Pitman Fund, Income, Art	160 00	
Public Library, Isaac Pitman Fund, Income, Poetry	40 00	
Real Estate Liens	29 53	
Redemption of Tax Liens	1,245 37	
School Contingent	350 51	
School Teachers' Salaries	6 00	
Sealer of Weights and Measures	442 90	
Sewer Assessments	2,788 86	
Sewers, Construction	648 48	
Sewers, Maintenance	242 35	
Sidewalk Assessments	13,508 61	
Sidewalks, Construction	180 95	
Sidewalks, Maintenance	125 99	
Soldiers' Relief	169 00	
State Aid	57 50	
State of Massachusetts	17,186 21	
Sundry Persons	6 50	
Support of Poor, City Home	3,792 12	
Support of Poor, Miscellaneous	3,406 29	
Suppression of Gypsy and Brown-tail Moths	204 00	
Taxes	1,077,456 11	
Temporary Loans	905,000 00	
Water Maintenance	18,412 15	
Water Service Assessments	3,190 61	
Water Works Extension	343 88	
Water Works Income	202,723 29	
		2,541,942 28
		$2,634,819 02

PAYMENTS.

Assessors	$10,963 49
City Auditor	704 42
City Clerk	7,803 21
City Engineer	11,543 88
City Messenger	2,073 55
City Solicitor	2,291 59
City Treasurer	13,837 39
Clerk of Committees and Departments	4,515 48
Contingent Fund	1,943 52
County of Middlesex	61,897 01
Coupons	48,907 50
Election Expenses:—	
City Clerk	1,540 63
Commissioner of Public Buildings	886 10
Amount carried forward	$168,907 77

Amount brought forward	$168,907 77
Pay of Election Officers	2,598 00
Registrars of Voters	1,546 30
Electrical Department	9,483 91
Electrical Department, Underground Construction	1,947 63
Executive Department	3,910 02
Fire Department	78,301 04
Fire Department, Additional Apparatus	5,415 45
Grade Crossings	543 31
Health:—	
Health Department	9,560 58
Collection of Ashes and Offal	56,196 64
Contagious Disease Hospital	6,232 66
Medical Inspection in Public Schools	1,505 82
Highways:—	
Construction	29,648 06
Construction, Clarendon Hill Ledge	8,500 00
Maintenance	68,129 01
Paved Gutters and Crossings	9,548 64
Paving Broadway, Bow and Summer Streets	688 04
Shade Trees	486 81
Watering Streets	29,569 09
Inspection of Buildings	4,339 19
Interest	35,536 96
Military Aid	1,477 00
Overlay and Abatement	649 80
Police	83,837 63
Printing and Stationery	1,934 93
Public Buildings Construction:—	
Addition to Benjamin G. Brown School	11,666 12
Addition to Sanford Hanscom School	12,489 53
Heating Plant, Charles G. Pope School	6,948 69
Incinerator	2,622 02
L. V. Bell School Fire Escapes	27 68
Vault, City Hall	1,567 81
Public Buildings Maintenance:—	
City Buildings	12,025 99
Fire Department	5,236 49
Janitors' Salaries	28,914 60
Schoolhouses	37,449 83
Public Grounds	10,939 74
Public Library	20,078 65
Public Library, Isaac Pitman Fund, Income, Art	228 85
Public Library, Isaac Pitman Fund, Income, Poetry	54 91
Redemption of Tax Liens	1,223 37
Reduction of Funded Debt	153,500 00
School Contingent	29,817 33
School Teachers' Salaries	267,607 11
Sealer of Weights and Measures	1,765 15
Sewer Loan Interest	2,645 00
Sewers, Construction	29,178 59
Sewers, Maintenance	12,323 74
Sidewalks, Construction	30,111 22
Sidewalks, Maintenance	2,173 70
Soldiers' Burials	362 00
Amount carried forward	$1,301,452 41

Amount brought forward	$1,301,452 41	
Soldiers' Monument	50 00	
Soldiers' Relief	22,350 69	
Somerville Hospital	5,000 00	
State Aid	15,816 00	
State of Massachusetts	168,810 44	
Street Lights	55,000 00	
Support of Poor, City Home	7,001 23	
Support of Poor, Miscellaneous	17,852 20	
Suppression of Gypsy and Brown-tail Moths	6,131 82	
Temporary Loans	875,000 00	
Water Loan Interest	1,240 00	
Water Maintenance	48,995 20	
Water Works, Abatements on Water Charges	552 46	
Water Works Extension	17,457 31	
	$2,542,709 76	
Balance to debit of account, 1908	92,109 26	
		$2,634,819 02

City Auditor.

CREDIT.

Appropriations, from Taxes, 1907	$725 00
Excess and Deficiency account, balance transferred	20 58
	$704 42

DEBIT.

(Expenditures.)

Cash, paid Charles S. Robertson, salary as auditor	$700 00	
disbursements	32	
Thomas Groom & Co., pens	75	
The Pneumatic Hand Stamp Co., stamps	3 35	
		$704 42

City Clerk.

CREDIT.

Appropriations, from Taxes, 1907	$5,500 00
Excess and Deficiency account, balance transferred	127 32
	$5,627 32

Receipts:—

Cash, received of Frederic W. Cook, city clerk:—		
Recording mortgages	$455 50	
Dog licenses	392 40	
Marriage certificates	418 00	
Licenses for sale of fireworks	43 00	
Junk licenses	475 00	
Junk badges, etc.	1 75	
Licenses for billiards and pool	76 00	
Liquor licenses	35 00	
Licenses for amusements	90 00	
Auctioneers' licenses	54 00	
Copies of records	56 75	
Licenses for intelligence offices	10 00	
Licenses for slaughtering	8 00	
Licenses for street musicians	14 00	
Express licenses	32 00	
Amounts carried forward	$2,161 40	$5,627 32

Amounts brought forward	$2,161 40	$5,627 32
Interest on deposits	12 49	
Sale of old ballots	2 00	
		2,175 89
		$7,803 21

DEBIT.

(Expenditures.)

Cash, paid Frederic W. Cook, salary as city clerk	$2,400 00	
Howard E. Wemyss, assistant city clerk,	1,275 09	
Clara B. Snow, first assistant	800 00	
Edith A. Woodman, second assistant	600 00	
Alice M. Vincent, third assistant	600 00	
Florence H. Plimpton, fourth assistant	500 00	
American Express Co., expressing	15 42	
Allen, Doane & Co., badges	5 45	
T. H. Ball, paper	4 54	
G. W. Butters, year book	2 00	
Bancroft's Express, expressing	95	
Boston Post-office, postage	84 80	
Bicknell & Fuller Paper Box Co., file boxes	16 50	
Carter's Ink Co., ink, etc.	11 25	
Charles E. Davis, census of births	59 80	
Duren & Kendall, repairing typewriter	1 97	
Clara Z. Elliot, census of births	13 80	
William C. Fickett, census of births	34 90	
Annie M. Gilcrease, census of births	46 40	
W. A. Greenough & Co., directory	4 00	
Gilman Express Co., expressing	15	
New England Telephone & Telegraph Co., service	147 19	
William J. Nagel, supplement to Revised Laws	5 00	
Oliver Typewriter Co., repairs	2 50	
Clinton I. Prouty, census of births	25 20	
Pneumatic Hand Stamp Co., stamps, etc.	10 16	
Sundry persons, reporting births	394 00	
Sundry persons, returns of deaths	184 25	
Somerville Journal Co., printing and advertising	102 75	
Somerville Post-office, postage	89 70	
Sampson & Murdock Co., directory	6 00	
A. C. Libby & Sons, stationery	8 30	
Wesley A. Maynard, printing and advertising	28 50	
McGrath & Woodley, printing and stationery	167 75	
The Macey Co., cabinet, etc.	6 95	
National Manufacturing Co., moisteners	1 00	
Richard H. Tincker, census of births	58 80	
Thorpe's Express, expressing	1 00	
Samuel Ward Co., stationery	65 74	
Webcowit Press, printing	11 25	
Yawman, Erbe & Co., cards	10 15	
		$7,803 21

City Engineer.

CREDIT.

Appropriations, from Taxes, 1907		$11,500 00
Excess and Deficiency account, balance transferred		1 12
		$11,498 88
Receipts:—		
Cash, received of abutters on Loring street, plan	$5 00	
Abutters on Highland Road, plan	10 00	
Abutters on Lowden Avenue, plan	5 00	
Abutters on Linden Avenue, plan	5 00	
Abutters on Boston Avenue, plan	5 00	
Abutters on Autumn street, plan	5 00	
Abutters on Bay State avenue, plan	5 00	
Abutters on Alpine street, plan	5 00	
		45 00
		$11,543 88

DEBIT.

(Expenditures.)

Cash, paid Ernest W. Bailey, salary as city engineer	$3,000 00	
Engineer's assistants	7,733 29	
Engineer's assistants, carfares	250 75	
American Express Co., expressing	1 05	
D. J. Bennett, repairing	2 50	
Carter's Ink Co., supplies	4 50	
L. E. Clayton, cloth	5 60	
H. C. Dimond & Co., type	1 90	
Davenport-Brown Co., stakes	8 48	
Dennison Manufacturing Co., tags	24	
Eyelet Tool Co., pins	4 50	
Frost & Adams Co., supplies	23 39	
Thomas Groom & Co., supplies	33 35	
Gaylord Bros., cloth	1 20	
Gilman Express Co., expressing	15	
Glines & Co., expressing	60	
A. R. Hyde, repairing	2 10	
Ledder & Probst, repairing level	5 00	
Library Bureau, index cards	1 80	
Charles E. Moss, blue print paper	6 00	
B. L. Makepeace, ink	7 00	
Municipal Journal, subscription	3 00	
New England Telephone and Telegraph Co., service	106 57	
Pneumatic Hand Stamp Co., stamps	3 40	
Smith-Premier Typewriter Co., repairing	1 70	
Sprague & Hathaway Co., cardboard	15	
Somerville Post-office, postage	12 50	
James Tevlin, teaming, etc.	173 90	
C. L. Underhill, sharpening	25	
M. L. Vinal, blank books	25	
Whitney & Snow, hardware	14 45	
Wadsworth, Howland, & Co., supplies	42 49	
S. Ward Co., stationery	1 20	
F. S. Webster Co., sharpener	3 00	
A. J. Wilkinson & Co., hardware	39 62	
George H. Walker & Co., maps	48 00	
		$11,543 88

City Messenger.

CREDIT.

Appropriations, from Taxes, 1907	$2,000 00
Excess and Deficiency account, balance transferred	73 55
	$2,073 55

DEBIT.

(Expenditures.)

Cash, paid Jairus Mann, salary as city messenger	$1,500 00	
disbursements	8 40	
J. H. Atkinson, painting	15 00	
D. J. Bennett, repairs	4 00	
L. H. Brown, carriage hire	62 00	
Thomas Groom & Co., pad	20	
The Two Jamesons, board of horse	294 00	
Howard Lowell & Son, carriage hire	54 00	
D. McDonald, harness repairs	2 40	
New England Telephone & Telegraph Co., service	22 00	
Pearl-street Shoeing Forge, shoeing	25 75	
R. C. Small & Co., setting tire	2 50	
Charles R. Simpson, veterinary services	29 00	
Charles L. Underhill, repairing	2 50	
I. B. Walker, buggy	51 80	
		$2,073 55

City Solicitor.

CREDIT.

Appropriations, from Taxes, 1907	$2,300 00
Excess and Deficiency account, balance transferred	8 41
	$2,291 59

DEBIT.

(Expenditures.)

Cash, paid Frank W. Kaan, salary as city solicitor	$2,100 00	
disbursements	42 99	
Thomas Damery, salary as claim agent	100 00	
disbursements	13 50	
Isaac I. Doane, court stenographer	19 60	
Eugene H. Jones, photographs	7 50	
McGrath & Woodley, printing briefs	8 00	
		$2,291 59

City Treasurer.

CREDIT.

Appropriations, from Taxes, 1907		$9,700 00
Amount transferred to Assessors account	$400 00	
Amount transferred to School Teachers' Salaries account	500 00	
		900 00
		$8,800 00
Excess and Deficiency account, balance transferred		501 36
Amount carried forward		$8,298 64

Amount brought forward		$8,298 64
Receipts:—		
Commonwealth of Massachusetts, fees for collecting National Bank tax	17 32	
Redemption of Tax Liens, fees for releasing tax liens	22 00	
Assessors account, repairing adding machine	2 20	
Cash, received of Joseph S. Pike, court fees returned	2 21	
R. L. Day & Co., registering bond	50	
Charles L. Ellis, telephone service	20 00	
Sundry Persons, certificates	48 00	
Sundry Persons, costs on taxes and assessments	5,426 52	
		5,538 75
		$13,837 39

DEBIT.

(Expenditures.)

Cash, paid Joseph S. Pike, salary as city treasurer	$3,000 00	
expenses to comptrollers' and accounting officers' convention at Richmond, Virginia	52 00	
Charles L. Ellis, deputy collector of taxes	1,350 00	
disbursements	18 07	
Beulah M. Peirce, first assistant	1,000 00	
Louise B. McLaughlin second assistant	700 00	
Florence M. Grow, third assistant	600 00	
Marion C. Kendall, fourth assistant	600 00	
Winnifred P. Briggs, fifth assistant	500 00	
Susan L. Briggs, clerical assistant	209 32	
Lilla A. Johnson, clerical assistant	199 99	
Roberta B. McDonald, clerical assistant	140 00	
Ruth G. Butters, clerical assistant	64 00	
Ednah A. Whitney, clerical assistant	60 00	
Charles E. Davis, fees for collecting delinquent taxes, etc.	393 69	
F. W. Hopkins, fees for collecting delinquent taxes	126 00	
Theodore H. Locke, fees for collecting delinquent taxes	70 50	
Charles B. Palmer, fees for collecting delinquent taxes	11 11	
Malcolm E. Sturtevant, fees for collecting delinquent taxes	261 03	
City Trust Company, clearing house charges	10	
National Security Bank, clearing house charges	1 71	
Somerville National Bank, clearing house charges	3 02	
Faneuil Hall National Bank, clearing house charges	54	
American Express Co., expressing	4 70	
Amount carried forward	$9,365 78	

Amount brought forward	$9,365 78	
American Surety Company of New York, treasurer's bond	160 00	
deputy collector's bond	10 94	
Philip Aberle, postage	18 00	
Boston News Bureau, subscription	18 00	
Burroughs Adding Machine Co., supplies and attention to machine	7 40	
Carter's Ink Co., ink	1 25	
B. F. Cummins Co., receipting perforators	156 00	
City Trust Company, bonds	200 00	
Fisher & Fowler, express charges	30	
W. F. Flemming, repairing chairs	6 00	
Globe-Wernicke Co., filing case	2 89	
Glines & Co., expressing	1 00	
W. A. Greenough & Co., directories	8 00	
Thomas Groom & Co., stationery	351 53	
The J. C. Hall Co., printing checks	43 10	
Howard Lowell & Son, carriage hire	2 00	
Wesley A. Maynard, printing	172 75	
McGrath & Woodley, supplies	27 00	
Middlesex Registry of Deeds, recording,	12 70	
New England Telephone & Telegraph Co., service	121 63	
National Mfg. Co., moisteners	2 00	
Outlook Envelope Co., envelopes	90 77	
Pneumatic Hand Stamp Co., stamps	2 73	
Perham's Express, expressing	1 20	
Edwin L. Pride, examining city books	200 00	
H. J. Ramsey, postage	2 50	
William F. Russell, protectograph	20 00	
Smith-Premier Typewriter Co., repairs	7 14	
Somerville Journal Co., printing and advertising	1,379 56	
Somerville Post-office, postage	972 84	
A. de Silva, services on bonds	18 13	
Arthur B. Tyler, postage	50 00	
Charles L. Underhill, repairing chair	1 00	
Webcowit Press, printing	388 25	
Yale & Towne Mfg. Co., cleaning and insuring time-lock	15 00	
		$13,837 39

Clerk of Committees and Departments.

CREDIT.

Appropriations, from Taxes, 1907		$4,200 00
Excess and Deficiency account, balance transferred		301 85
		$4,501 85
Receipts:—		
Cash, received of Lawrence S. Howard, telephone service,		13 63
		$4,515 48

DEBIT.

(Expenditures.)

Cash, paid William P. Mitchell, salary as clerk of committees and departments	$2,000 00	
Lawrence S. Howard, assistant	1,000 00	
Amount carried forward	$3,000 00	

Amount brought forward	$3,000 00	
Lawrence S. Howard, fee as notary public	5 00	
Lucia A. Manning, assistant	600 00	
Bessie L. L. Crosby, assistant	600 00	
Allen Bros., seal press	3 00	
W. A. Greenough & Co., directory	4 00	
Glines & Co., express	65	
Thomas Groom & Co., stationery	34 20	
New England Telephone & Telegraph Co., service	83 48	
Pneumatic Hand Stamp Co., stamps	9 00	
Somerville Journal Co., printing	52 25	
Somerville Post-office, postage	65 00	
Smith-Premier Typewriter Co., typewriter	52 90	
Sampson & Murdock Co., directory	6 00	
		$4,515 48

Commonwealth of Massachusetts.

CREDIT.

State Tax		$70,160 00
National Bank Tax		1,730 43
Metropolitan Sewer Tax:—		
Sinking Fund Requirements	$7,174 53	
Interest	16,720 88	
Maintenance	13,680 36	
		37,575 77
Metropolitan Park Tax:—		
Sinking Fund Requirements	$4,162 90	
Interest	14,090 71	
Maintenance	9,887 30	
		28,140 91
Armory Tax:—		
Sinking Fund Requirements	$1,613 58	
Interest	2,255 41	
		3,868 99
Middlesex Avenue or Wellington Bridge Tax:—		
Assessment	$4,659 34	
Interest	905 64	
Maintenance	284 77	
	$5,849 75	
Over-assessment on interest last year	2,112 35	
		3,737 40
Metropolitan Water Assessment, 1907:—		
Sinking Fund Requirements	$25,365 30	
Interest	62,089 30	
Maintenance	18,880 01	
		106,334 61
Military Aid, 1906, refunded		5 00
Unpaid National Bank Tax, 1906		47 70
Unpaid Soldiers' Burials, 1906, to debit of 1907 account		70 00
Cash	$427 52	
	23 00	
	2,803 54	
Amounts carried forward	$3,254 06	$251,670 81

Amounts brought forward	$3,254 06	$251,670 81
	2,054 92	
	171 42	
	751 50	
	1,098 00	
	651 51	
	15 00	
	8,945 53	
	68 00	
	128 57	
		17,138 51
		$268,809 32

DEBIT.

Balance from 1906	$19,760 96	
Corporation Taxes, 1906	2,054 92	
Corporation Taxes, 1907	21,551 43	
National Bank Tax, 1906	33 78	
National Bank Tax, 1907	3,769 45	
Burial State Paupers	5 00	
Support of Sick Paupers	878 65	
Temporary Support of Paupers	336 55	
Tuition of Children	131 50	
Street Railway Tax	40,439 71	
Boston Elevated Railway Tax	8,908 18	
Contagious Disease Hospital	548 56	
Health Department	37 35	
Suppression of Gypsy and Brown-tail Moths	427 52	
Rent of Armory	1,098 00	
Fees for collecting National Bank Tax	17 32	
Cash	168,810 44	
		$268,809 32

State Aid, 1907	15,758 50
Soldiers' Burials, 1906	70 00
Soldiers' Burials, 1907	362 00
Military Aid, 1907	733 50
Corporation Tax, 1907	3,357 13
	$20,281 13
Balance to debit of account, December 31, 1907	20,281 13

Contingent Fund.

CREDIT.

Appropriations, from Taxes, 1907		$2,675 00
Amounts transferred and unused:—		
Amount transferred to Assessors account	$100 00	
Amount transferred to School Teachers' Salaries account	1,003 11	
		1,103 11
		$1,571 89
Excess and Deficiency account, balance transferred		247 17
		$1,324 72
Receipts:—		
Cash, received of sundry persons, licenses to peddle	$100 00	
Sundry persons, druggists' licenses	35 00	
Amounts carried forward	$135 00	$1,324 72

Amounts brought forward	$135 00	$1,324 72
Charlestown Gas & Electric Co., legal penalty	100 00	
Patrick Keating, Executor, settlement of claim	383 80	
		618 80
		$1,943 52

DEBIT.

(Expenditures.)

Cash, paid F. C. Ames, ringing bell	$2 00	
John Bousfield, ringing bell	5 00	
L. H. Brown, carriage hire	20 00	
Jackson Caldwell & Co., use of chairs	2 50	
Commonwealth of Massachusetts, twenty-five per cent. of liquor licenses	8 75	
Company M, Eighth Regiment, M. V. M., rifle practice	200 00	
Company K, Eighth Regiment, M. V. M., rifle practice	200 00	
Commonwealth Motor and Driving Club, refreshments	12 95	
John Donnelly & Sons, posting	24 00	
Frank E. Draper Camp, No. 42, observance of Memorial day	50 00	
Benjamin F. Freeman, portrait, frame, etc.	88 00	
Thomas Groom & Co., stationery	18 50	
Glines & Co., expressing	15	
Hill & Holt, use of automobile	20 00	
H. A. Kendall, ringing bell	4 00	
Little, Brown & Co., Massachusetts Digest	24 00	
Howard Lowell & Son, carriage hire	18 00	
Wesley A. Maynard, advertising	8 38	
Jairus Mann, disbursements	10 25	
Charles E. Moss, blue prints	1 98	
Neostyle Co., ink and supplies	17 85	
Somerville Journal Co., printing	29 35	
Somerville Post-office, postage	91 00	
Somerville Young Men's Christian Association, rent of hall	25 00	
Walter H. Snow, catering	87 50	
Asbury Strahan, ringing bell	5 00	
Somerville Fourth of July Association, music	420 00	
Somerville Sun, advertising on account of monument	3 50	
William C. Towne, ringing bell	4 00	
J. H. Thompson, use of landaus	48 00	
W. L. Taylor, ringing bell	2 00	
Albion Towle, carriage hire	4 00	
Webcowit Press, printing	9 25	
Samuel Ward Co., stationery	97 41	
George B. Wiswall, ringing bell	2 00	
Whitney & Snow, hardware	29 20	
Willard C. Kinsley Post, 139, G. A. R., observance of Memorial day	350 00	
		$1,943 52

County of Middlesex.

CREDIT.

Appropriations, from Taxes, 1907		$61,897 01
Receipts:—		
Cash, received of J. O. Hayden, county treasurer, rent of court room	$600 00	
return on amount received of the city for dog licenses in 1906	4,109 54	
		4,709 54
		$66,606 55
Amounts transferred and unused:—		
Public Buildings Maintenance, City Buildings account, amount transferred	$600 00	
Public Library account, amount transferred	4,109 54	
		4,709 54
		$61,897 01

DEBIT.

(Expenditures.)

Cash, paid County Tax	$61,897 01

Coupons.

CREDIT.

Balance of coupons unpaid January 1, 1907		$22,175 00
Coupons maturing April 1, 1907:—		
Water Loan, $31,000, six months at 4 per cent.	$620 00	
Sewer Loan, $4,000, six months at 4½ per cent.	90 00	
Sewer Loan, $1,000, six months at 3½ per cent.	17 50	
Paving Loan, $30,000, six months at 4 per cent.	600 00	
City Loan, $34,000, six months at 4 per cent.	680 00	
City Loan, $9,000, six months at 3½ per cent.	157 50	
		2,165 00
Coupons maturing July 1, 1907:—		
City Loan, $222,000, six months at 3½ per cent.	$3,885 00	
City Loan, $634,500, six months at 4 per cent.	12,690 00	
Sewer Loan, $42,000, six months at 3½ per cent.	735 00	
Sewer Loan, $156,000, six months at 4 per cent.	3,120 00	
Metropolitan Park Assessment Loan, $20,000, six months, 3½ per cent.	350 00	
Water Loan, $24,000, six months at 4 per cent.	480 00	
		21,260 00
Coupons maturing October 1, 1907:—		
City Loan, $161,000, six months at 4 per cent.	$3,220 00	
Amounts carried forward	$3,220 00	$45,600 00

Amounts brought forward	$3,220 00	$45,600 00
Sewer Loan, $4,000, six months at 4½ per cent.	90 00	
Paving Loan, $30,000, six months at 4 per cent.	600 00	
Water Loan, $31,000, six months at 4 per cent.	620 00	
		4,530 00
Coupons maturing January 1, 1908:—		
City Loan, $195,000, six months at 3½ per cent.	$3,412 50	
City Loan, $554,000, six months at 4 per cent.	11,080 00	
Sewer Loan, $40,000, six months at 3½ per cent.	700 00	
Sewer Loan, $147,000, six months at 4 per cent.	2,940 00	
Metropolitan Park Assessment Loan, $19,000, six months at 3½ per cent.	332 50	
Water Loan, $12,000, six months at 4 per cent.	240 00	
		18,705 00
		$68,835 00

DEBIT.

Cash, paid coupons	$48,907 50	
Coupons of 1907 unpaid	19,927 50	
		$68,835 00

Election Expenses, City Clerk.

CREDIT.

Appropriations, from Taxes, 1907	$1,650 00
Excess and Deficiency account, balance transferred	109 37
	$1,540 63

DEBIT.

(Expenditures.)

Cash, paid Allen, Doane & Co., seal	$1 50
American Express Co., expressing	45
Boston Envelope Co., envelopes	16 20
Robert Burlen, paper	17 50
Bicknell & Fuller Paper Box Co., paper	8 00
L. E. Clayton, tape	1 20
John Donnelly & Sons, posting	23 00
A. F. Carpenter, candles	65
Cotton & Gould, crayons	24 00
Gilman Express Co., expressing	30
John H. Kelley, repairing boxes	12 65
McGrath & Woodley, books, etc.	60 60
Wesley A. Maynard, printing and advertising	158 25
Martin & Wood, keys, etc.	1 70
Pneumatic Hand Stamp Co., stamps	3 00
Somerville Sun, advertising	38 60
Somerville Journal Co., printing ballots, advertising, etc.	930 60
Somerville Post-office, postage	4 00
Thorpe's Express Co., expressing	80
Amount carried forward	$1,303 00

Amount brought forward	$1,303 00	
Albion Towle, carriage hire	160 50	
Underhill Hardware Co., hardware	80	
George H. Walker & Co., maps	46 00	
Whitney & Snow, supplies	9 42	
Samuel Ward Co., stationery	20 91	
		$1,540 63

Election Expenses, Commissioner of Public Buildings.

CREDIT.

Appropriations, from Taxes, 1907	$900 00
Excess and Deficiency account, balance transferred	13 90
	$886 10

DEBIT.

(Expenditures.)

Cash, paid L. G. Columbus & Co., heater	$7 00	
Philip Eberle, rent of hall	50 00	
Jim Hodder, rent of hall	45 00	
Warren E. Locke, rent of hall	12 00	
J. Edward L. McLean, carpentering	129 62	
Arthur G. Pearson, rent of hall	60 00	
Security Safe Deposit Co., rent of hall	12 00	
Harris P. Tibbetts, carpentering	557 55	
Walsh Bros., labor	12 93	
		$886 10

Election Expenses, Pay of Election Officers.

CREDIT.

Appropriations, from Taxes, 1907	$2,500 00
Excess and Deficiency account, balance transferred	98 00
	$2,598 00

DEBIT.

(Expenditures.)

Cash, paid election officers	$2,598 00

Election Expenses, Registrars of Voters.

CREDIT.

Appropriations, from Taxes, 1907	$1,550 00
Excess and Deficiency account, balance transferred	3 70
	$1,546 30

DEBIT.

(Expenditures.)

Cash, paid Charles P. Lincoln, salary as registrar	$200 00	
Charles E. Parks, salary as registrar	200 00	
Edwin D. Sibley, salary as registrar	200 00	
Frederic W. Cook, salary as registrar	200 00	
George E. Davis, clerical services	36 00	
Lawrence S. Howard, clerical services	9 00	
Frank E. Merrill, clerical services	36 00	
Fred E. Warren, clerical services	15 00	
Howard E. Wemyss, clerical services	45 00	
John Donnelly & Sons, posting	55 00	
Amount carried forward	$996 00	

Amount brought forward	$996 00	
The Macey Co., cards	8 25	
McGrath & Woodley, books and binding,	59 15	
Wesley A. Maynard, advertising	39 00	
Pneumatic Hand Stamp Co., stamps	2 00	
Somerville Sun, advertising	31 40	
Somerville Journal Co., printing and advertising	406 25	
Webcowit Press, printing	4 25	
		$1,546 30

Electrical Department.

CREDIT.

Appropriations, from Taxes, 1907		$8,200 00
Excess and Deficiency account, balance transferred		686 32
		$8,886 32
Stock and labor billed other departments:—		
Electrical Department, Underground Construction account, supplies		320 96
Receipts:—		
Cash, received of Edison Electric Illuminating Co., grounding wires	$250 00	
M. Silverman, junk	8 92	
J. J. McCarthy, junk	17 71	
		276 63
		$9,483 91

DEBIT.

(Expenditures.)

Cash, paid Melvin F. Underwood, salary as commissioner of electric lines and lights	$1,300 00	
disbursements	26 15	
Laborers	4,643 95	
American Express Co., expressing	5 05	
American Steel & Wire Co., wire	325 43	
D. J. Bennett, harness supplies, etc.	36 10	
J. A. & W. Bird & Co., vitriol	62 94	
Boston Varnish Co., varnish	43 00	
Nelson H. Brown, spring, etc.	2 10	
Brown's Somerville Express, expressing,	70	
Charles E. Berry, repairing	16 87	
Boston Nickel Plating Co., plating	12 10	
Cameron Appliance Co., blocks, etc.	26 84	
Chandler & Farquhar Co., supplies	17 08	
Clifton Mfg. Co., tape	23 10	
Crosby Steam Gage & Valve Co., spring,	40	
Commercial Brewing Co., steam for fire whistle	30 00	
Electric Goods Mfg. Co., supplies	272 80	
Electrocraft Publishing Co., subscription,	1 50	
Fellows & Co., repairing ladder	1 00	
Gamewell Fire Alarm Telegraph Co., supplies	1,574 09	
Thomas W. Gleeson, electrical work	10 40	
Amount carried forward	$8,431 60	

Amount brought forward	$8,431 60	
Hanson's Somerville Express, expressing	5 90	
Jim Hodder & Bros., sheets, etc.	19 40	
William S. Howe, pipe	70	
Fred W. Kimball, repairing	25 51	
J. A. Kiley, repairing buggy, etc.	111 50	
Howard Lowell & Son, carriage hire	15 00	
J. A. Marsh, oats	10 00	
Charles F. Mills, glasses	22 00	
A. W. Mitchell Mfg. Co., stencils	1 62	
Mitchell Mfg. Co., numbering machine	5 50	
New York Insulated Wire Co., wire	66 89	
New England Telephone & Telegraph Co., pole, etc.	125 05	
William E. Plumer & Co., supplies	23 74	
H. T. Paiste Co., balls and socket	4 42	
Charles E. Perry Co., register paper	31 50	
A. M. Prescott, freight and carting	10 25	
Pettingell-Andrews Co., wire	1 96	
A. G. Renner, expressing	3 90	
Somerville Journal Co., printing	39 00	
Somerville Post-office, postage	5 50	
Thorpe's Express Co., expressing	3 90	
Charles L. Underhill, tools	7 85	
Underhill Hardware Co., hardware	92 83	
Harry Van Iderstine, insurance	2 00	
Samuel Ward Co., stationery	7 10	
	$9,074 62	
Fire Department account, board and use of horses	300 00	
Police Department account, board of horse,	109 29	
		$9,483 91

Electrical Department, Underground Construction.

CREDIT.

Balance from 1906	$239 80
Appropriations, from Funded Debt, 1907	3,000 00
	$3,239 80
Balance to credit of account, 1908	1,292 17
	$1,947 63

DEBIT.

(Expenditures.)

Cash, paid laborers	$920 30	
American Steel & Wire Co., wire	94 37	
Charles E. Berry, work on boxes	35 12	
Boston Woven Hose & Rubber Co., gaskets	22 88	
Chandler & Farquhar, screws, etc.	6 32	
Chase-Shawmut Co., bases and fuses	8 16	
Davenport-Brown Co., boxes	18 11	
Electric Goods Mfg. Co., supplies	5 60	
Gamewell Fire Alarm Telegraph Co., supplies	438 71	
Hanson's Somerville Express, expressing	3 25	
Amount carried forward	$1,552 82	

Amount brought forward	$1,552 82	
F. W. Kimball, patterns, etc.	21 85	
New York Insulated Wire Co., wire	25 81	
A. G. Renner, expressing	7 31	
Somerville Journal Co., printing	7 00	
Thorpe's Express Co., expressing	3 65	
Underhill Hardware Co., hardware	6 29	
Frederick B. Witherley, castings	1 94	
	$1,626 67	
Electrical Department account, materials	320 96	
		$1,947 63

Excess and Deficiency.

CREDIT.

Balance from 1906	$1,427 41

DEBIT.

Public Buildings Maintenance, Fire Department account, amount transferred	$1,427 41

CREDIT.

Balances of 1907 accounts:—	
City Auditor	$20 58
City Engineer	1 12
City Solicitor	8 41
City Treasurer	501 36
Contingent Fund	247 17
Election Expenses:—	
City Clerk	109 37
Commissioner of Public Buildings	13 90
Registrars of Voters	3 70
Executive Department	89 98
Health Department, Contagious Disease Hospital	1,000 00
Inspection of Buildings	52 12
Interest	684 30
Military Aid	171 50
Printing and Stationery	129 78
Public Library	06
Reduction of Funded Debt	10,823 65
Street Lights	9,000 00
Support of Poor, Miscellaneous	774 29
	$23,631 29
Balance to credit of account, 1908	3,715 38
	$19,915 91

DEBIT.

Balances of 1907 accounts:—		
Assessors	$463 49	
City Clerk	127 32	
City Messenger	73 55	
Clerk of Committees and Departments	301 85	
Election Expenses, Pay of Election Officers,	98 00	
Electrical Department	686 32	
Fire Department	409 58	
Health Department	78 69	
Health Department, Collection of Ashes and Offal	8,042 75	
Amount carried forward	$10,281 55	

Amount brought forward	$10,281 55	
Health Department, Medical Inspection in Public Schools	5 82	
Highways, Maintenance	618 83	
Highways, Watering Streets	418 04	
Police	475 91	
Public Buildings Maintenance:—		
City Buildings	278 99	
Fire Department	209 08	
Janitors' Salaries	414 60	
Schoolhouses	3,811 47	
Public Grounds	23 44	
School Contingent	2,335 32	
Sealer of Weights and Measures	22 25	
Sewers, Maintenance	81 39	
Sidewalks, Maintenance	47 71	
Soldiers' Relief	181 69	
Support of Poor, City Home	709 11	
Suppression Gypsy and Brown-tail Moths	71	
		$19,915 91

Executive Department.

CREDIT.

Appropriations, from Taxes, 1907		$4,000 00
Excess and Deficiency account, balance transferred		89 98
		$3,910 02

DEBIT.

(Expenditures.)

Cash, paid Charles A. Grimmons, salary as mayor	$2,500 00	
Fred E. Warren, secretary to the mayor,	1,300 00	
W. A. Greenough & Co., directory	4 00	
New England Telephone & Telegraph Co., service	65 52	
Somerville Post-office, envelopes	21 20	
Somerville Journal Co., envelopes	5 25	
Underwood Typewriter Co., ribbon	1 00	
Samuel Ward Co., stationery	13 05	
		$3,910 02

Fire Department.

CREDIT.

Appropriations, from Taxes, 1907		$42,000 00
Water Works Income account, amount appropriated		30,000 00
Overlay and Abatement account, amount transferred		4,000 00
Excess and Deficiency account, balance transferred		409 58
		$76,409 58
Stock and labor billed other departments:—		
Electrical Department account, board of horses		300 00
Receipts:—		
Cash, received of City Treasurer, fines	$1,172 00	
Boston Elevated Railway Co., settlement of claim	250 00	
Harry Fine & Co., old hose	25 80	
Sundry persons, ringing false alarms and tampering with fire alarm	53 00	
		1,500 80
		$78,210 38

DEBIT.

(Expenditures.)

Cash, paid James R. Hopkins, salary as chief engineer	$2,000 00
disbursements	49 00
Edward W. Ring, assistant engineer	1,200 36
Permanent firemen and substitutes	39,857 21
Callmen:—	
Steamer Co. No. 1	1,406 00
Steamer Co. No. 2	1,705 75
Steamer Co. No. 4	1,217 00
Hose Co. No. 2	1,588 01
Hose Co. No. 3	1,537 48
Hose Co. No. 5	1,268 81
Hose Co. No. 6	921 50
Hose Co. No. 7	721 02
Hook and Ladder Co. No. 1	2,048 06
Hook and Ladder Co. No. 2	2,354 02
Thomas L. Deegan, horseshoeing	12 75
J. H. Edwards, horseshoeing	192 80
George W. Ladd, horseshoeing	66 95
George McDormand, horseshoeing	104 60
Edward O'Brien, horseshoeing	91 60
Pearl-street Shoeing Forge, horseshoeing	127 35
John B. Rufer, horseshoeing	325 00
J. H. Thompson, horseshoeing	31 65
Harry Tobin, horseshoeing	74 00
I. B. Walker, horseshoeing	167 40
M. E. Calvert, washing	179 64
A. M. Spike, washing	32 00
Mrs. I. C. Jackson, washing	137 16
Mrs. W. Loveland, washing	54 75
Helen R. Stevens, washing	14 88
Mrs. E. F. Trefren, washing	38 89
Advance Polish Mfg. Co., polish	7 50
American Express Co., expressing	12 76
American La France Fire Engine Co., rebuilding engine, etc.	2,425 33
George A. Ayer, brooms	20 85
F. C. Ayer, lumber	14 17
Archibald Wheel Co., repairing wheels	88 30
American Steam Gage & Valve Mfg. Co., piezometer	30 00
F. F. Armstrong, pails	17 00
F. W. Barry, Beale, & Co., stationery	13 80
James Bartley, salt	30
D. J. Bennett, repairing harnesses	172 95
Boston Coupling Co., hose and repairs	1,410 45
H. A. Brownell, belts and harness	28 05
Charles E. Berry, repairing	493 10
James M. Berry, medicine	10 75
Edward H. Barter, repairing clocks	1 50
Edward A. Binney, insurance	55 55
Boston Ice Co., ice	36 13
Barbour, Stockwell Co., castings	4 59
Henry K. Barnes, hose cart, etc.	65 50
Amount carried forward	$64,434 22

Amount brought forward		$64,434 22
P. Bowdren, rolling lawn		1 50
Boston Belting Co., hose		76 20
Boston Woven Hose & Rubber Co., repairing	$2 95	
(Cash)	2 95	
Braman, Dow, & Co., fittings		4 00
Beecher Draught Spring Co., links, etc.,		14 50
J. Hurd Brown, lubricant		5 00
Cairns & Bro., hats		15 00
Cornelius Callahan Co., supplies		431 40
Commonwealth Oil Co., soap		25 03
John L. Crafts, apron and covers		49 95
Jackson Caldwell & Co., furniture		42 85
Combination Ladder Co., hose		310 00
G. W. Cutter, insignia		59 18
Commonwealth of Massachusetts, Commission for the Blind, mops		30 00
Cotter's Express, expressing		25
Otis Clapp & Son, drugs		3 00
Joseph A. Cribby, services		50 00
Cambridge Ice Co., ice		29 15
John Conrad & Co., brooms		8 38
C. V. Cook, services		5 00
H. I. Dallinger & Co., cuspidors, etc.		48 25
Diamond Rubber Co., tires		177 80
Julian D'Este Co., nozzle		2 25
Eastern Drug Co., drugs		37 36
Eureka Fire Hose Co., hose		410 00
Samuel Eastman & Co., holders, etc.		150 00
J. Wesley Edmonds & Son, polish		16 83
Elms Farm Boarding Stable, board of horse		19 00
F. E. Fitts Manufacturing & Supply Co., waste		39 48
Firestone Tire & Rubber Co., tires, etc.,		470 41
Fire & Water Eng. Co., subscription		3 00
Fresh Pond Ice Co., ice		30 97
Benjamin F. Freeman, photographs		10 00
William H. Gallison & Co., packing		30 65
Gilman Express Co., expressing		3 20
Glines & Co., expressing		80 80
Henry A. Glazier, hangers		5 00
W. A. Greenough & Co., directories		16 00
A. C. Gordon, painting		8 00
D. J. Green & Co., dusters		7 50
Hale & Mayhew Co., repairing wagons, etc.		70 70
Henry S. Harris' Sons, horses		1,569 50
Henry S. Harris & Son, harnesses		190 45
Hemeon Bros., carpentering		6 56
Jim Hodder & Bros., dry goods		80 06
R. Hull, oil		106 60
Harrol Soap Co., soap powder		24 53
Emory S. Haradon, stencils		1 00
J. M. Hardy, hose		183 00
William S. Howe, repairing		6 85
Amount carried forward		$69,400 36

Amount brought forward		$69,400 36
W. G. Hallock, dusters		12 00
S. F. Hayward & Co., bell		12 00
William T. Henderson, fuel wagon		165 00
Hill & Hill, harness dressing		9 00
Hoagland & Mansfield, elixir		4 15
Hilton Coupling Co., connections		61 00
William Hall & Co., lock		4 00
J. A. Kiley, repairing		454 58
F. W. Kimball, repairing		6 45
F. M. Keeler Co., chamois		20 25
Kimball, Harrington & Osborne, engine oil		5 50
Lord & Webster, hay and straw		1,954 74
John G. Lesure, medicine		20 00
Larkin Mfg. Co., nozzles, etc.		40 00
Leonsi, Clonney & Co., sponges		91 76
Little, Brown, & Co., acts and resolves,		1 50
William G. Martin, repairing		1 25
D. McDonald, repairing		26 65
Murphy, Leavens & Co., brushes		45 00
Matheson Alkali Works, soda		47 04
C. W. H. Moulton & Co., shavings		18 00
Marine Torch Co., light, etc.		14 25
Frank P. Merrill Co., nutriolin		19 50
Mitchell Mfg. Co., badges		27 00
R. Masstrangialo, wreaths		3 25
J. A. Marsh Coal Co., stock food		3 00
New England Telephone & Telegraph Co., service		186 07
George W. Norton, soap		9 98
Fulton O'Brion, oats and straw,	$946 13	
(Cash)	75	
		945 38
James W. O'Neil, repairing		11 43
Proctor Bros., hay and grain		1,948 35
Perham's Express, expressing		2 45
George B. Phillips, food		4 90
Joseph Palmer, repairing		7 25
C. N. Perkins Co., snaps		3 00
W. E. Plumer & Co., hardware		1 30
Henry D. Padelford, flax seed, etc.		1 85
Charles F. Penney, damages		5 00
R. G. Perkins, medicines		13 88
E. W. Ring, custodian		180 00
Robb-Mumford Boiler Co., repairing		194 51
John B. Rufer, repairing		269 51
A. G. Renner, expressing		1 65
John A. Robinson Co., disinfectant		32 20
Charles R. Simpson, veterinary services		103 00
E. S. Sparrow & Co., hardware		17 27
Somerville Post-office, postage		7 00
L. G. Stone & Co., seed meal		11 25
Somerville Journal Co., printing		24 50
Standard Extinguisher Co., extinguishers	$89 95	
(Cash)	86 96	
		2 99
Amount carried forward		$76,451 95

Amount brought forward	$76,451 95	
Smith-Premier Typewriter Co., typewriter and supplies	71 90	
M. G. Staples, use of horses	10 00	
J. H. Thompson, carriage hire	12 00	
Nathan Tufts & Sons, oats	558 08	
Thorpe's Express, expressing	85	
J. L. Thompson, mops	6 00	
S. H. Thompson, lunch	30 00	
Underhill Hardware Co., hardware	55 13	
C. L. Underhill, repairing	8 55	
Whitney & Snow, hardware	20 07	
Winter Hill Ice Co., ice	15 00	
Welch & Hall Co., horses	793 95	
Welch, Dwyer, & Grady, repairing	84 75	
L. A. Wright, repairing	46 25	
I. B. Walker, repairing	2 90	
Oliver Whyte & Co., baskets	20 00	
Charles A. Winther, mat	18 00	
William J. Wiley, repairing	5 00	
		$78,210 38

Fire Department, Additional Apparatus.

CREDIT.

Appropriations, from Funded Debt, 1907		$5,500 00
Balance to credit of account, 1908		84 55
		$5,415 45

DEBIT.

(Expenditures.)

Cash, paid American La France Fire Engine Co., fire engine	$5,390 00	
name plate	25 45	
		$5,415 45

Funded Debt.

CREDIT.

Funded Debt, January 1, 1907		$1,464,500 00
Issue of 1907:—		
City Loan Bonds Nos. 3508 to 3645	$138,000 00	
Sewer Loan Bonds Nos. 379 to 438	60,000 00	
		198,000 00
		$1,662,500 00

DEBIT.

Bonds matured in 1907:—		
City Loan Bonds Nos. 3319 to 3327	$9,000 00	
City Loan Bonds Nos. 1686 to 1691	6,000 00	
City Loan Bonds Nos. 1933 to 1947	15,000 00	
City Loan Bonds Nos. 2148 to 2155	8,000 00	
City Loan Bonds Nos. 2312 to 2320	9,000 00	
City Loan Bonds Nos. 2447 to 2456	10,000 00	
City Loan Bonds Nos. 2571 to 2577	7,000 00	
City Loan Bonds Nos. 2696 to 2705	10,000 00	
City Loan Bonds Nos. 2818 to 2825	8,000 00	
City Loan Bonds Nos. 2934 to 2942	9,000 00	
City Loan Bonds Nos. 3047 to 3055	9,000 00	
City Loan Bonds Nos. 3208 to 3215	8,000 00	
Amount carried forward	$108,000 00	

Amount brought forward	$108,000 00	
City Loan Bond No. 3216	500 00	
City Loan Bonds Nos. 3428 to 3435	8,000 00	
City Loan Bonds Nos. 3156 to 3157	2,000 00	
Sewer Loan Bond No. 330	1,000 00	
Sewer Loan Bond No. 66	1,000 00	
Sewer Loan Bond No. 183	1,000 00	
Sewer Loan Bond No. 207	1,000 00	
Sewer Loan Bond No. 229	1,000 00	
Sewer Loan Bond No. 258	1,000 00	
Sewer Loan Bond No. 282	1,000 00	
Sewer Loan Bond No. 306	1,000 00	
Sewer Loan Bond No. 359	1,000 00	
Sewer Loan Bond No. 49	1,000 00	
Sewer Loan Bonds Nos. 117 to 119	3,000 00	
City Loan Paving Bonds Nos. 71 to 75	5,000 00	
Water Loan Bonds Nos. 267 to 276	10,000 00	
Water Loan Bond No. 291	1,000 00	
Water Loan Bond No. b458	1,000 00	
Water Loan Bonds Nos. 359 to 361	3,000 00	
Water Loan Bonds Nos. 456 to 457	2,000 00	
Metropolitan Park Assessment Loan Bond No. 5	1,000 00	
	$154,500 00	
Present Funded Debt, balance of account	1,508,000 00	
		$1,662,500 00

Grade Crossings.

CREDIT.

Balance from 1906	$373 51
Balance to debit of account, 1908	169 80
	$543 31

DEBIT.

(Expenditures.)

Cash, paid Bacon & Burpee, report of hearing	$138 18	
Frank W. Kaan, services as special counsel	200 00	
Wesley A. Maynard, advertising	1 63	
J. W. Rollins, Jr., professional services	200 00	
Somerville Journal Co., printing and advertising	3 50	
		$543 31

Health Department.

CREDIT.

Appropriations, from Taxes, 1907	$8,000 00
Excess and Deficiency account, balance transferred	78 69
	$8,078 69
Commonwealth of Massachusetts, Albert E. Bray, board,	37 35
Receipts:—	
Cash, received of J. E. Richardson, milk inspector's fees	$152 24
Amounts carried forward	$152 24 $8,116 04

Amounts brought forward	$152 24	$8,116 04
William P. Mitchell, permits to keep swine	63 00	
City of Brockton, care of patient	220 00	
City of Boston, care of patient	500 00	
Town of Natick, care of patient	354 30	
Board of Health, Boston, care of patient,	155 00	
		1,444 54
		$9,560 58

DEBIT.

(Expenditures.)

Cash, paid Caleb A. Page, salary as agent,	$1,500 00	
Sundry persons, burying dead animals,	182 50	
Charles M. Berry, salary as inspector of animals and provisions	1,100 03	
disbursements	1 25	
Julius E. Richardson, salary as milk inspector	1,000 00	
disbursements	11 63	
Frank L. Morse, M. D., salary as medical inspector	1,350 05	
disbursements	142 40	
M. W. White, M. D., salary as medical inspector of parochial school	100 00	
American Express Co., expressing	7 50	
Mary E. Ayer, nursing	120 00	
City of Boston, care of patients	956 29	
Philip Brown, brass baskets	3 75	
D. J. Bennett, repairing harnesses	42 20	
Bausch & Lomb Optical Co., microscope	69 81	
Herbert E. Bowman, peppermint	2 10	
James Bartley, provisions	4 00	
Bicknell & Fuller Paper Box Co., boxes	4 00	
Cambridge Ice Co., ice	22 82	
City of Cambridge, care of patient	154 28	
Willard L. Clough, printing	7 00	
J. P. Clisby, painting	12 00	
Commonwealth of Massachusetts, care of patients	72 60	
B. Cohen, provisions	4 22	
Edward Coliten & Son, coal and groceries	3 87	
J. A. Durell, bacteria tester	17 02	
J. H. Edwards, shoeing	2 00	
Eimer & Amend, scales and weights	90 13	
Thomas Groom & Co., stationery	24 85	
Glines & Co., expressing	15	
Peter Gray & Sons, swab wires	2 00	
Gilman Bros., sulphuric acid	3 00	
Gilman Express Co., expressing	15	
Charles F. Giles, groceries	6 00	
Joseph Heritage, repairing tires	3 00	
Int. Inst. Co., instrument	14 15	
Freeman L. Lowell, M. D., vaccination in 1903	79 75	
Amount carried forward	$7,116 50	

Amount brought forward	$7,116 50	
William G. Martin, repairing regenerator	6 50	
Martin & Wood, repairing regenerator,	18 00	
Melvin & Badger, drugs	118 15	
The Metcalf Co., alcohol	16 90	
A. B. McIntosh, repairing	3 54	
Wesley A. Maynard, advertising	5 00	
John H. McCollum, M. D., consultation,	50 00	
New England Telephone & Telegraph Co., service	99 06	
A. P. Rockwood, board of horse	325 00	
J. E. Richardson, oven and sample	1 90	
Somerville Journal Co. printing	161 00	
Somerville Post-office, postage and box rent	18 62	
J. W. Staniford & Co., glass jars, etc.,	5 50	
Sawin's Express, expressing	30	
Simplex Electric Heating Co., stove body	3 25	
Harry Tobin, horseshoeing	25 50	
Thorpe's Express, expressing	40	
Teele Square Cash Market, provisions	27 49	
Frank A. Teele, coal and wood	5 25	
Underhill Hardware Co., hardware	25	
I. B. Walker, repairs	1 75	
William F. Waller, services	9 00	
Webcowit Press, printing	6 60	
Whitney & Snow, hardware	1 62	
Whitall, Tatum Co., corks	14 19	
West Disinfectant Co., drugs	15 25	
Wellington-Wild Coal Co., coal	1 90	
	$8,058 42	
Health Department, Contagious Disease Hospital account, care of patients	1,502 16	
		$9,560 58

Health Department, Collection of Ashes and Offal.

CREDIT.

Appropriations, from Taxes, 1907		$40,000 00
Excess and Deficiency account, balance transferred		8,042 75
Receipts:—		$48,042 75
Cash, received of sundry persons, offal	$7,422 49	
John Ryan, manure	50 00	
M. Silverman, rags	310 53	
Hamburger Bros., paper	140 13	
		7,923 15
Stock and labor billed other departments:—		
Support of Poor, City Home account, offal		230 74
		$56,196 64

DEBIT.

(Expenditures.)

Cash, paid Edgar T. Mayhew, salary as superintendent	$1,200 00	
Laborers	40,676 75	
Amount carried forward	$41,876 75	

Amount brought forward	$41,876	75
Thomas Allen, teaming	92	50
G. J. Allen, teaming	155	00
J. H. Atkinson, repairing wagon	12	00
American Broom Co., brooms	5	50
D. J. Bennett, harness work	590	29
W. F. Bennett, teaming	16	85
Joseph Breck & Sons, tools, etc.	22	42
Boston Woven Hose & Rubber Co., pipe, hose, and repairing	12	27
Boston & Maine Railroad, freight	2	75
Andrew Burr Paper Co., sisal	5	78
Herbert E. Bowman, medicines	9	31
J. A. Durell, hardware	79	42
J. H. Edwards, shoeing	37	76
John Fisher & Co., offal pails	16	20
J. H. Fannon, teaming	15	00
The Fairbanks Co., scale	25	80
Thomas Groom & Co., printing	37	15
D. J. Green & Co., baskets	6	25
Hale & Mayhew Co., wagons and repairs	627	72
Hopkinson & Holden, baskets	11	85
William Kilmartin, teaming	10	00
George W. Ladd, shoeing	145	45
Lord & Webster, hay	1,317	25
George McDormand, shoeing	199	50
New England Telephone & Telegraph Co., service	50	40
Fulton O'Brion, grain, hay and straw,	2,277	96
Edward O'Brien, shoeing	218	63
Proctor Bros., hay and grain	1,460	47
W. N. Robbins, carpentering	116	41
J. B. Rufer, clipping	2	00
Roberts Iron Works Co., castings	111	65
Charles R. Simpson, veterinary services	49	00
Shepard, Clark & Co., sponges	13	15
Sullivan Machinery Co., baling press	52	50
Somerville Journal Co., printing	32	00
E. S. Sparrow & Co., ash cans	6	00
J. H. Thompson, board of horses	365	23
William Thumith, teaming	5	00
Nathan Tufts & Sons, oats	651	00
Thorpe's Express, expressing		75
I. B. Walker, repairs and shoeing	743	10
Welch & Hall Co., horses	1,822	50
John Wilson, use of teams	165	00
L. A. Wright, repairing wagon	115	75
Webcowit Press, printing	8	50
Delia Wilson, teaming	440	50
Walsh Bros., labor, etc.	686	42
Whitney & Snow, hardware	71	25
	$54,795	94
Highways, Maintenance account, city teams, etc.	1,400	70
		$56,196 64

Health Department, Contagious Disease Hospital.

CREDIT.

Appropriations, from Taxes, 1907		$1,000 00
Excess and Deficiency account, amount transferred		1,000 00
Commonwealth of Massachusetts, care of patients		$548 56
Health Department, care of patients		1,502 16
Cash, received of Board of Health, Boston, care of patients	165 00	
Board of Health, Westboro, care of patients	64 29	
Board of Health, Malden, care of patients	24 28	
City of Cambridge, care of patients	2,947 84	
City of Medford, care of patients	137 14	
City of Worcester, care of patients	36 43	
City of Gloucester, care of patients	75 00	
Town of Dracut, care of patients	96 43	
Town of Brookline, care of patients	45 00	
Sundry persons	1,525 53	
		$5,116 94
		$7,167 66

DEBIT.

(Expenditures.)

Cash, paid Frank L. Morse, M. D., salary as medical inspector	$49 98
Nellie J. VanCor, matron	767 44
incidental expenses	300 00
Nurses and assistants	2,667 93
C. J. Bailey & Co., rubber goods	6 66
Cambridge Ice Co., ice	55 69
Maud M. Crawford, nurse	51 00
C. C. Elliott, fish	34 92
W. S. Furbush & Co., drugs, etc.	63 49
J. B. Fuller & Co., "Somerset Club"	12 00
Thomas Groom & Co., supplies	21 00
C. H. Goldthwaite & Co., supplies	10 97
Glines & Co., expressing	10 15
J. Frank Gear, sterilizer, etc.	23 51
C. F. Hathaway, bread	36 08
H. P. Hood & Sons, milk	298 76
Martin L. Hall & Co., groceries	204 57
Norman C. Hayner & Co., killitol	8 00
D. D. Holbrook, disbursements	50 00
I. N. Holman, repairing	2 25
Jordan, Marsh, & Co., supplies	10 52
Jones, McDuffee, & Stratton, dishes	7 52
William Leavens & Co., furniture	32 25
Lister Laboratory Co., sputum cups	12 00
Lewis Mfg. Co., supplies	15 18
Melvin & Badger, drugs	10 00
National Biscuit Co., crackers	10 67
New England Telephone & Telegraph Co., service	46 79
John H. Pray & Sons, rug	15 00
Richardson, Wright, & Co., beds, etc.,	223 40
Amount carried forward	$5,057 73

Amount brought forward	$5,057 73	
Shepard, Norwell Co., spreads	13 50	
C. A. Smith, butter, eggs, etc.	77 05	
E. S. Sparrow & Co., hardware	55 37	
Leslie H. Steele, newspapers	5 00	
C. L. Stevens, provisions	628 45	
Somerville Journal Co., printing	13 90	
Shepard, Clark, & Co., refrigerator	130 80	
Samuel Ward Co., stationery	3 85	
Frank S. Williams, chickens, etc.	9 28	
Wilson, Larrabee, & Co., cloth, etc.	75 75	
Charles Waugh & Co., furnishings	69 10	
W. J. Wiley, furnishings	16 00	
H. G. White, repairing flat-iron	75	
Webcowit Press, printing	5 25	
Worrell Mfg. Co., exterminator	10 00	
	$6,171 78	
Support of Poor, City Home account, milk and produce	60 88	
	$6,232 66	
Balance unused, carried to 1908 account	935 00	
		$7,167 66

Health Department, Contagious Disease Hospital, Department Accounts for Collection.

CREDIT.

Cash, received of City of Cambridge, care of patients	$2,329 24

DEBIT.

Balance from 1906	$2,329 24

Health Department, Medical Inspection in the Public Schools.

CREDIT.

Appropriations, from Taxes, 1907	$1,500 00
Excess and Deficiency account, balance transferred	5 82
	$1,505 82

DEBIT.

(Expenditures.)

Cash, paid W. L. Bond, medical inspection,	$200 00	
Herbert Cholerton, medical inspection	200 00	
D. S. Flewelling, medical inspection	200 00	
R. F. Gibson, medical inspection	200 00	
L. H. Raymond, medical inspection	200 00	
W. D. Ruston, medical inspection	13 15	
Francis Shaw, medical inspection	200 00	
H. M. Stoodley, medical inspection	187 17	
Somerville Journal Co., printing	105 50	
		$1,505 82

Highway Betterment Assessments.

CREDIT.

Cash, received of sundry persons	$3,218 91
Highways, Construction account, assessment	131 23
Balance to debit of account, 1908	1,363 81
	$4,713 95

DEBIT.

Balance from 1906		$2,970 95	
Highways, Construction account, assessments levied as follows:—			
Nashua street	$402 48		
Vernon street	508 31		
Giles park	107 20		
Hamlet street	223 75		
Hinckley street	268 63		
Thorpe place	232 63		
		1,743 00	
			$4,713 95

Highways, Construction.

CREDIT.

Balance from 1906			$2,879 89
Appropriations, from Funded Debt, 1907			20,500 00
Sewers, Construction account, amount transferred			3,500 00
			$26,879 89
Amount transferred to Sidewalks, Construction account,			2,000 00
			$24,879 89
Receipts:—			
Cash, received of Waldo Bros., cement bags,		$783 75	
Cambridge Gas Light Co., labor		12 00	
			795 75
Stock and labor billed other departments:—			
Highways, Maintenance account, stone		$13 27	
Highways, Paved Gutters and Crossings account, blocks		293 64	
			306 91
Charged to Highway Betterment Assessments account, assessments levied			1,743 00
Balance to debit of account, 1908			1,922 51
			$29,648 06

DEBIT.

(Expenditures.)

Cash, paid laborers	$2,938 06
Bruneau & Fletcher, photographs	6 00
James W. Connor, settlement of damages for taking of land on Mossland street	200 00
William H. Casey & Co., bricks	38 75
Thomas Groom & Co., books	11 50
Highland Coal Co., lime	1 35
S. & R. J. Lombard, flagging and edgestones	64 76
Middlesex Registry of Deeds, recording,	36 75
Wesley A. Maynard, advertising	59 50
James McMullen, settlement of claim for laying out Vernon street	200 00
William J. McCarthy, bricks and teaming,	10 00
Patrick C. Melvin, settlement in full for land taken on Mossland street	775 00
Somerville Journal Co., printing	77 75
Amount carried forward	$4,419 42

Amount brought forward	$4,419 42	
Simpson Bros. Corporation, paving:—		
Medford street, from Washington street to Central square and Prospect Hill avenue, final payment	84 79	
Union square, final payment	267 08	
Highland avenue, in front of City Hall,	218 55	
Cross street, from Medford to Tufts streets	1,252 90	
Broadway, both sides, from end of pavement laid in 1906 to Cross and Walnut streets	14,050 00	
Medford street, from School street to Broadway, final payment	122 78	
Medford street, Central square, and to Highland avenue	6,465 47	
Winchester Stone Co., stone	228 33	
	$27,109 32	
Highways, Maintenance account, use of teams and materials	2,098 55	
Highways, Paved Gutters and Crossings account, paving blocks	56 32	
Highway Betterment Assessment account, Veazie street and Clarendon avenue	131 23	
Real Estate Liens, tax title of Harlow H. Rogers	29 53	
Sewers, Construction account, freight charges	26 12	
Sidewalks, Maintenance account, bricks	86 99	
Sewers, Maintenance account, changing grades	110 00	
		$29,648 06

Highways, Construction, Clarendon Hill Ledge.

CREDIT.

Appropriations, from Funded Debt, 1907	$8,500 00

DEBIT.

(Expenditures.)

Cash, paid Collins & Ham, under order January 11, 1907	$8,500 00

Highways, Maintenance.

CREDIT.

Balance from 1906		$1,926 60
Commonwealth of Massachusetts:—		
Street Railway Tax	$40,439 71	
Boston Elevated Railway Tax	8,908 18	
		49,347 89
Amount transferred from Overlay and Abatement account,		7,000 00
		$58,274 49
Amount transferred to Sidewalks, Maintenance account		1,000 00
		$57,274 49
Excess and Deficiency account, balance transferred		618 83
Amount carried forward		$57,893 32

Amount brought forward		$57,893 32
Receipts:—		
Cash, received of sundry persons, labor and materials	$978 53	
Sundry persons, constructing driveways,	265 88	
Frank D. Wilkins, use of roller	15 15	
Weeks and Doten, use of roller	5 25	
		1,264 81
Stock and labor billed other departments:—		
Highways, Watering Streets account, board of horse	$203 70	
Health, Collection of Ashes and Offal account, labor	1,400 70	
Highways, Paved Gutters and Crossings account, teams	1,782 24	
Sewers, Maintenance account, city teams, labor and materials	187 04	
Highways, Construction account, use of city teams and materials	2,098 55	
Water Maintenance account, labor, etc.	252 76	
Suppression of Gypsy and Brown-tail Moths account, city teams	326 20	
Highways, Shade Trees account, use of teams	67 20	
Sidewalks, Maintenance account, use of city teams and materials	319 65	
Sidewalks, Construction account, teams, etc.,	2,323 15	
		8,961 19
		$68,119 32

DEBIT.

(Expenditures.)

Cash, paid Asa B. Prichard, salary as superintendent of streets	$2,000 00	
disbursements	2 07	
Laborers	46,631 60	
F. C. Ayer, lumber	351 23	
American Express Co., expressing	2 50	
Ames Plow Co., road machine and plows,	233 50	
Ashton Valve Co., repairing gages	8 35	
T. Allen, ashes	16 75	
Braman, Dow, & Co., pipe, etc.	39 00	
Boston & Lockport Block Co., blocks	2 97	
Buffalo Street Road Roller Co., brackets, etc.	44 75	
Jerry Buttimer, crushed stone	1 43	
Boston & Maine Railroad, freight	6 71	
Charles E. Berry, collar, harness, etc.	44 92	
Boston Woven Hose & Rubber Co., reducers	3 50	
Beecher Draught Spring Co., springs	10 00	
Barber Asphalt Paving Co., repairing Cross street	38 32	
W. S. Collins, harnesses	36 00	
Harold L. Bond Co., refilling brooms	30 00	
Consumers' Coal Co., coal	972 73	
Jackson Caldwell & Co., furniture	6 00	
Bessie L. L. Crosby, typewriting	1 50	
Amount carried forward	$50,483 83	

Amount brought forward	$50,483 83
Charles A. Claflin & Co., valves, etc.	151 01
Cling Surface Co., surface	7 00
William H. Casey & Co., bricks and hay,	83 16
Bernard Charles, plants	16 50
Chandler & Farquhar Co., cotton waste and tools	35 86
G. S. Cheney Co., camphor and plasters,	13 50
Denison, Estabrook, & Co., brooms, etc.,	225 00
R. W. Doe, pipe, ventilator, etc.	47 11
Dunbar Bros., springs	3 50
C. W. Dolloff & Co., cobble stones	17 00
Davenport-Brown Co., band sawing	50
Thomas Damery, settlement of claims,	71 00
Dane Smith Co. bunting	6 00
Dunbar Bros. Co., spirals	2 90
Dunn & Mackay, sods	16 05
Electric Goods Mfg. Co., supplies	10 53
Electric Diamond Grinder Co., grinder wheel, etc.	15 24
Edson Mfg. Co., repairing sweeper	1 50
J. H. Edwards, horseshoeing	1 50
E. N. Everett, 1 horse hitch	1 00
G. S. Fletcher, photographs	21 00
J. H. Fannon, stone, etc.	61 35
Farrell Foundry & Machinery Co., toggles	65 63
Elizabeth M. Fitzpatrick, settlement of suit	100 00
Benjamin F. Freeman, photographs	5 00
Walter W. Field, repairing roller	109 60
J. J. Fisher, pipe	4 20
Glines & Co., expressing	3 45
Thomas Groom & Co., books	34 00
Good Roads Machinery Co., springs, etc.,	23 75
George W. Gale Lumber Co., lumber	2 50
Gilman Express Co., expressing	15
Good Roads Co. of America, terracolion,	49 50
Good Roads Improvement Co., asphaltoilene	295 70
E. J. Hervey Co., forcite, etc.	241 82
Highland Coal Co., lime	4 80
Hamblin & Russell Mfg. Co., shaft for grinder, etc.	39 00
Mary Hennessey, settlement of claim	350 00
John M. Harmon, repairing tools	4 40
Thomas Hollis Co., drugs	12 18
J. F. Hanley, horse	85 00
J. W. Howard, plants	2 25
Hale & Mayhew Co., setting tires, etc.,	67 57
William H. Hitchings, veterinary services	66 00
Ingersoll Rand Co., plug cock, etc.	5 50
Jeffrey Mfg. Co., stone buckets	33 48
P. J. Kinneen, veterinary services	2 00
A. C. Libby & Sons, stationery	10 50
C. W. Lerned & Co., disinfectant	17 50
Lord & Webster, hay	2,506 97
Amount carried forward	$55,434 49

Amount brought forward	$55,434 49
Estate Charles Linehan, sand	9 49
George W. Ladd, horseshoeing	9 35
Howard Lowell & Son, use of brake	20 00
T. E. Littlefield, lumber	17 16
S. & R. J. Lombard, flagging	53 80
Mary Lynn, settlement of claim	650 00
William G. Martin, sharpening saws	1 30
Morgan & Bond, straps, etc.	559 00
H. L. McPherson, stamps	7 85
George McDormand, horseshoeing	3 24
W. B. Mullen, sand	1,226 56
G. F. McKenna & Son, stone	170 15
Martin & Wood, repairing tools	1 70
Wesley A. Maynard, advertising	4 50
William J. McCarthy Co., crushed stone,	101 02
S. L. Marchant, lamp post	3 00
Joseph Miller, tools	37 20
New England Oil Co., oil	176 10
New England Telephone & Telegraph Co., service,	77 44
National Coal Tar Co., tarvia	782 17
Edward O'Brien, horseshoeing	113 50
Fulton O'Brion, hay and grain	1,252 10
E. E. Onley, horseshoeing	25
Pearl Street Shoeing Forge, shoeing	2 90
Perrin, Seamans Co., tools	288 58
Proctor Bros., grain	1,964 00
Henry L. Pike, liniment	4 50
W. E. Plumer & Co., hardware	50 25
A. H. Pinkham Co., cloth, etc.	1 30
Parke Snow, calico and flags	1 73
Gladys L. Pierce, settlement of claim	75 00
J. L. & H. K. Potter, cart	20 00
Priest, Page, & Co., repairing wagon scale	45 43
A. F. Robinson Boiler Works, smoke stack	73 00
A. G. Renner, expressing	15
J. B. Rufer, shoe	50
Somerville Journal Co., printing	53 50
E. S. Sparrow & Co., oil and hardware,	206 46
T. A. Sallaway, hardware	18 86
George C. Skilton, Atty., use of land,	15 00
George H. Sampson Co., horse, etc.	24 20
Arthur C. Symmes, wagon	50 00
Somerville Post-office, stamps	6 00
John Silk, sand	196 25
Albion Towle, board of horse	264 36
William Thumith, sand	28 75
Taylor & Rawson, wagons	175 00
Nathan Tufts & Sons, grain	941 00
Taylor Manufacturing Co., soap	1 75
Tiffin Wagon Co., cart	80 00
Underhill Hardware Co., hardware	93 55
Valvoline Oil Co., oil	106 11
I. B. Walker, repairing sweeper	10 61
Whitney & Snow, paint and hardware,	122 93
Amount carried forward	$65,633 04

Amount brought forward		$65,633 04	
B. W. Weeks, hay		16 44	
William J. Wiley, pipe, labor, etc.		8 80	
A. M. Wood Co., hardware		353 35	
Winchester Tar Disinfectant Co., disinfectant		35 00	
Wheeler, McElveen & Co., horses		627 50	
John M. Woods & Co., lumber		42 87	
L. A. Wright, repairing		44 30	
Winchester Stone Co., stone		1,039 98	
E. E. Whitehouse, oil tank		4 00	
Waldo Bros., cement	$18 00		
(Cash) bags returned	9 69		
		8 31	
Asahel Wheeler Co., gold leaf		7 58	
Delia Wilson, stone		170 95	
		$67,992 12	
Highways, Construction account, cobble stones		13 27	
Highways, Paved Gutters and Crossings account, paving blocks		53 03	
Sewers, Construction account, cement		20 43	
Sidewalks, Maintenance account, bricks		38 38	
Water Maintenance account, couplings		2 09	
			$68,119 32

Highways, Paved Gutters and Crossings.

CREDIT.

Appropriations, from Funded Debt, 1907			$10,000 00
Stock and labor billed other departments:—			
Highways, Maintenance account, paving blocks	$53 03		
Highways, Construction account, paving blocks	56 32		
Sidewalks, Construction account, paving blocks	6 00		
Water, Maintenance account, paving blocks,	7 00		
			122 35
			$10,122 35
Balance unused, carried to 1908 account			573 71
			$9,548 64

DEBIT.

(Expenditures.)

Cash, paid laborers		$5,492 92	
Estate of Charles Linehan, use of land,		75 00	
S. & R. J. Lombard, paving blocks		1,904 84	
		$7,472 76	
Highways, Maintenance account, use of city teams and materials		1,782 24	
Highways, Construction account, paving blocks		293 64	
			$9,548 64

Highways, Paving Broadway, Bow and Summer Streets.

CREDIT.

Balance from 1906	$688 04

DEBIT.

(Expenditures.)

Cash, paid Simpson Bros., final payment paving Broadway,	$688 04

Highways, Shade Trees.

CREDIT.

Appropriations, from Funded Debt, 1907	$500 00
Balance unused, carried to 1908 account	13 19
	$486 81

DEBIT.

(Expenditures.)

Cash, paid laborers	$251 76	
Bay State Nurseries, trees	150 00	
Gilman Express Co., expressing	3 00	
J. W. Howard, trees	2 50	
J. A. Marsh, loam	2 00	
J. A. Marsh Coal Co., team	7 00	
M. Silverman, hose	3 35	
	$419 61	
Highways, Maintenance account, use of city teams	67 20	
		$486 81

Highways, Watering Streets.

CREDIT.

Taxes, assessments levied	$29,036 05
Excess and Deficiency account, balance transferred	418 04
	$29,454 09

Receipts:—

Cash, received of abutters	$30 00	
Sundry persons, insuring	72 00	
Martin W. Carr & Co., watering driveway	13 00	
		115 00
		$29,569 09

DEBIT.

(Expenditures.)

Cash, paid laborers	$1,999 53	
Thomas Allen, watering	612 00	
Cornelius R. Bowlby, watering	672 00	
Harry C. Brown, watering	584 00	
Frank Buttimer, watering	540 00	
Boston Varnish Co., varnish	120 00	
Jackson Caldwell, watering	525 49	
George E. Carr, watering	580 00	
Daniel Collins, watering	556 00	
T. F. Crimmings, watering	540 00	
T. A. Cunningham, repairing carts	15 20	
Amount carried forward	$6,744 22	

Amount brought forward	$6,744 22	
J. F. Elkins Co., watering	540 00	
William H. Flaherty, watering	195 73	
James H. Fannon, watering	618 00	
Thomas Groom & Co., stationery	16 00	
Charles T. Garland, watering	600 00	
H. M. Hillson & Co., repairing spouts,	65 30	
J. F. Hause & Co., watering	620 00	
William A. Hall, watering	516 84	
Hale & Mayhew Co., setting tire	53 20	
Jameson Bros., watering	560 00	
Florence R. Kenneson, clerical work	24 00	
Marcella F. Kendall, clerical work	6 67	
Howard Lowell & Son, watering	630 00	
Mildred A. Merrill, clerical services	13 34	
James F. Manning, watering	464 51	
Henry McAvoy, watering	564 00	
George F. McKenna, watering	561 00	
William A. McKenna, watering	540 00	
Michael J. McLaughlin, watering	540 00	
Henry J. McAvoy, watering	540 00	
Edward O'Brien, horseshoeing	20 25	
J. L. & H. K. Potter, water carts and repairing	4,562 97	
Joseph Palmer, repairing springs	9 50	
Albion M. Prescott, watering	924 00	
Mark W. Patten, watering	687 00	
George F. Patten, watering	580 00	
W. E. Plumer & Co., varnish	66 00	
Thomas F. Reardon, watering	628 00	
Albert P. Rockwood, watering	640 00	
Charles S. Robertson, insurance	63 00	
Somerville Journal Co., printing	17 50	
Ralph M. Sturtevant, watering	632 00	
Suburban Coal Co., watering	681 77	
David M. Smith, watering	632 00	
Loena A. Snowman, clerical work	51 34	
Mary J. Shean, watering	564 00	
R. Allen Sturtevant, watering	572 00	
George Stevenson, watering	560 00	
E. S. Sparrow & Co., paint stock	12 50	
Eva Tukey, clerical services	25 33	
Frank A. Teele, watering	595 00	
J. Herbert Thompson, watering	548 25	
Underhill Hardware Co., hinges	12 00	
Whitney & Snow, lead and varnish	122 84	
L. A. Wright, repairing carts	25 35	
Delia Wilson, watering	650 00	
I. B. Walker, repairing carts	6 07	
Thomas Walsh, watering	540 00	
	$28,841 48	
Highways, Maintenance account, board of horse, etc.	203 70	
Water Maintenance account, maintaining post	186 07	
Water Works, Extension account, water posts	337 84	
		$29,569 09

Inspection of Buildings.

CREDIT.

Appropriations, from Taxes, 1907		$4,300 00
Excess and Deficiency account, balance transferred		52 12
		$4,247 88
Receipts:—		
Cash, received of Walter T. Littlefield, plumbers' licenses	$49 00	
telephone tolls	42 31	
		91 31
		$4,339 19

DEBIT.

(Expenditures.)

Cash, paid Walter T. Littlefield, salary as commissioner of public buildings	$2,000 02	
George H. Galpin, assistant to commissioner of public buildings	733 26	
Duncan C. Greene, inspector of plumbing	1,200 00	
W. A. Greenough & Co., directory	4 00	
Thomas Groom & Co., books	5 50	
William J. Hanson, supplies	3 96	
Wesley A. Maynard, printing	3 00	
Charles E. Moss, blue prints	2 32	
New England Telephone & Telegraph Co., service	127 06	
Somerville Post-office, postage	10 62	
Somerville Journal Co., envelopes and printing	57 50	
Smith-Premier Typewriter Co., typewriter	45 00	
Slade & Crawford, copying ordinance,	21 50	
S. Ward Co., stationery	25 45	
William N. Young, services as expert	100 00	
		$4,339 19

Interest.

CREDIT.

Appropriations, from Taxes, 1907		$63,000 00
Excess and Deficiency account, balance transferred		684 30
		$62,315 70
Amount transferred to Sewer Loan Interest account		1,200 00
		$61,115 70
Receipts:—		
Cash, received of sundry persons		11,428 76
		$72,544 46

DEBIT.

(Expenditures.)

Coupons maturing April 1, 1907	$1,437 50	
Coupons maturing July 1, 1907	16,925 00	
Coupons maturing October 1, 1907	3,820 00	
Coupons maturing January 1, 1908	14,825 00	
Amount carried forward	$37,007 50	

Amount brought forward		$37,007 50
Cash, paid interest on Registered Bonds:—		
Interest due April 1, 1907 .	$1,750 00	
Interest due July 1, 1907 .	1,665 00	
Interest due October 1, 1907	1,970 00	
Interest due January 1, 1908	1,665 00	
		$7,050 00
On Temporary Loans:—		
On Note No. 616, 4 months, $50,000 . .	$812 49	
On Note No. 613, 6 months, $75,000 . .	1,659 17	
On Note No. 620, 11 months, 9 days, $20,000 .	736 25	
On Note No. 614, 6 months, $50,000 . .	1,250 00	
On Note No. 621, 7 months, 2 days, $25,000 .	736 11	
On Note No. 622, 9 months, $30,000 . .	1,125 00	
On Note No. 615, 6 months, 1 day, $25,000 .	628 48	
On Note No. 623, 8 months, $25,000 . .	833 34	
On Note No. 626, 6 months, 17 days, $10,000,	273 61	
On Note No. 627, 6 months, 19 days, $10,000 .	276 39	
On Note No. 625, 6 months, 14 days, $10,000 .	269 45	
On Note No. 628, 6 months, 20 days, $10,000 .	277 78	
On Note No. 629, 6 months, 20 days, $10,000 .	277 78	
On Note No. 630, 6 months, 24 days, $10,000 .	283 33	
On Note No. 631, 6 months, 24 days, $10,000 .	283 33	
On Note No. 632, 6 months, 24 days, $10,000 .	283 33	
On Note No. 633, 6 months, 24 days, $10,000 .	283 34	
On Note No. 634, 6 months, 12 days, $10,000 .	266 67	
On Note No. 612, 10 months, 2 days, $50,000 .	1,929 46	
On Note No. 635, 7 months, $50,000 . .	1,372 23	
On Note No. 636, 199 days, $15,000 . . .	312 32	
On Note No. 637, 199 days, $15,000 . . .	312 32	
On Note No. 638, 199 days, $10,000 . . .	312 32	
On Note No. 639, 199 days, $10,000 . . .	312 32	
Amounts carried forward .	$15,106 82	$44,057 50

Amounts brought forward .	$15,106 82	$44,057 50	
On Note No. 640, 4 months, 10 days, $10,000 .	187 01		
On Note No. 641, 4 months, 10 days, $5,000 .	93 51		
On Note No. 642, 4 months, 10 days, $5,000 .	93 50		
On Note No. 643, 4 months, 10 days, $5,000 .	93 50		
On Note No. 646, 1 year, $15,000 . . .	795 00		
On Note No. 645, 133 days, $25,000 . . .	493 22		
On Note No. 644, 28 days, $50,000 . . .	194 44		
On Note No. 647, 6 months, $50,000 . .	1,482 83		
On Note No. 649, 7 months, 2 days, $20,000 .	647 79		
On Note No. 648, 7 months, 8 days, $30,000 .	999 17		
On Note No. 618, 10 months, 1 day, $50,000 .	2,090 28		
On Note No. 619, 9 months, $75,000 . .	2,784 38		
On Note No. 650, 121 days, $25,000 . . .	525 17		
On Note No. 651, 121 days, $15,000 . . .	315 10		
On Note No. 652, 121 days, $10,000 . . .	210 07		
On Note No. 653, 121 days, $25,000 . . .	525 18		
On Note No. 654, 5 months, 2 days, $50,000 .	1,266 66		
On Note No. 658, 92 days, $25,000 . . .	383 33		
On Note No. 659, 4 months, $10,000 . .	200 00		
		$28,486 96	
			$72,544 46

Metered Water Charges.

CREDIT.

Water Works, Income account, abatements . . .		$343 96
Receipts:—		
Cash, received of sundry water takers		25,928 62
Balance to debit of account, 1908		24,174 76
		$50,447 34

DEBIT.

Balance from 1906	$26,272 58	
Last quarter, 1907, uncollected . . .	24,174 76	
		$50,447 34

Military Aid.

CREDIT.

Appropriations, from Taxes, 1907	$900 00
Excess and Deficiency account, balance transferred . .	171 50
Amount carried forward	$728 50

Amount brought forward		$728 50
Commonwealth of Massachusetts, amount charged		733 50
		$1,462 00

DEBIT.
(Expenditures.)

Cash, paid sundry persons as per pay rolls	$1,462 00

Overlay and Abatement.

CREDIT.

Balance from 1906		$9,008 11
Taxes, amount of overlay from assessors' warrant		21,688 77
Amount of assessors' supplementary warrants, 1907		3,302 02
		$33,998 90
Amounts transferred and unused:—		
Fire Department, amount transferred	$4,000 00	
Highways, Maintenance account, amount transferred	7,000 00	
Police account, amount transferred	2,500 00	
Public Buildings Maintenance, Schoolhouses account, amount transferred	3,500 00	
		17,000 00
		$16,998 90
Real Estate Liens, Whipple-street property		351 88
		$16,647 02
Balance to credit of account, 1908		4,505 81
		$12,141 21

DEBIT.

Taxes, amount of abatements	$11,493 41	
(Cash)	2 00	
	$11,491 41	
Cash, paid sundry persons, money refunded,	649 80	
		$12,141 21

Overplus on Tax Sales.

CREDIT.

Balance from 1906	$118 13

DEBIT.

Balance to credit of account, 1908	$118 13

Police.

CREDIT.

Appropriations, from Taxes, 1907	$46,000 00
Overlay and Abatement account, amount transferred	2,500 00
Excess and Deficiency account, balance transferred	475 91
Amount carried forward	$48,975 91

Amount brought forward		$48,975 91
Receipts:—		
Commonwealth of Massachusetts, corporation tax, 1906	$2,054 92	
Commonwealth of Massachusetts, national bank tax, 1906	33 78	
Commonwealth of Massachusetts, corporation tax, 1907	21,551 43	
Commonwealth of Massachusetts, national bank tax, 1907	3,769 45	
		27,409 58
Due from Commonwealth on account of corporation tax		3,357 13
Stock and labor billed other departments:—		
Electrical Department, hay		109 29
Cash, received of John R. Fairbairn, Master of House of Correction, fines	$492 00	
Herbert A. Chapin, Clerk of the Courts, fines	3,046 00	
Sundry persons, cloth for uniforms	447 72	
		3,985 72
		$83,837 63

DEBIT.

(Expenditures.)

Cash, paid Melville C. Parkhurst, chief	$1,900 00
Robert R. Perry, captain	1,500 00
keeper of lock-up	100 00
Lieutenants:—	
Dennis Kelley	1,350 00
Eugene Carter	1,350 00
Charles E. Woodman	1,350 00
Sergeants:—	
Edward McGarr	1,200 00
George H. Carleton	1,200 00
Eugene H. Gammon	553 20
James M. Harmon	1,200 00
Inspector:—	
Thomas Damery	1,150 00
Patrolmen (salaries and extra services):—	
Edward M. Carter	1,092 00
George L. Smith	1,089 00
Francis A. Perkins	1,090 25
William H. Johnston	1,043 50
Jacob W. Skinner	1,097 50
Theodore E. Heron	1,089 00
David A. Bolton	1,098 25
Michael T. Kennedy	1,102 00
Ira S. Carleton	252 00
Charles W. Stevens	1,094 50
Ezra A. Dodge	1,089 00
James J. Pollard	1,035 00
Daniel G. Simons	1,100 75
Samuel Burns	1,091 00
Frederick H. Googins	1,091 75
Jotham Chisholm	983 50
William J. Davidson	1,094 50
Elmer E. Drew	963 00
Amount carried forward	$31,349 70

Amount brought forward	$31,349 70
John A. Dadmun	1,098 25
Eugene A. Woodsum	1,089 25
George L. Rice	1,098 25
Myron S. Gott	1,099 50
John A. Ray	1,089 00
Herbert Hilton	1,093 25
Charles W. Reick	1,072 25
Frank C. Hopkins	1,084 25
Charles W. Allen	1,085 50
Hudson M. Howe	1,096 25
Ernest S. Goff	1,074 00
Sanford S. Lewis	1,102 00
Frank H. Graves	1,080 25
Henry A. Sudbey	1,102 75
Harry L. Allen	234 00
Harvey R. Fuller	1,093 50
William J. Sutherland	1,094 50
Thomas F. McNamara	1,090 25
Louis F. Arnold	1,092 00
Charles S. Johnston	1,098 25
James M. Lynch	1,109 00
Martin Sharry	1,088 75
Henry Y. Gilson	1,043 25
Robert T. Blair	980 00
Ernest Howard	975 50
John J. Cummings	985 75
Claude L. Crossman	992 25
Denis Neylon	995 25
Lemuel J. Simons	989 25
Edmund J. Keane	992 25
Edward M. Davies	995 00
Dennis Downey	994 75
George A. C. Peters	993 50
James E. Phillips	962 00
Walter Reed	936 25
Louis J. Belzarini	838 75
Reserve patrolmen:—	
Dennis G. Mulqueeney	922 50
David J. Hanna	447 50
Patrick J. Doolin	936 25
Joseph J. Burns	933 75
Edward J. Hopkins	918 75
William G. Kenney	532 50
Walter L. Groves	781 25
Joseph A. Dwyer	375 00
Thomas F. Walsh	525 00
Robert C. Brown	22 50
Patrick H. Ryan	47 50
Frank O. Downer	10 00
Peter Moore	10 00
Clyde W. Steeves	392 50
Drivers:—	
Judson W. Oliver	910 00
Edward E. Ware	831 50
Frederick G. Jones	858 00
Martin E. Driscoll	537 75
George M. Winters	11 25
Joseph B. Siggins	94 50
Amount carried forward	$78,286 45

Amount brought forward	$78,286 45
Retired list (half pay):—	
George W. Bean	546 00
Phineas W. Skinner	99 00
Albion L. Staples	546 00
John E. Fuller	546 00
Ira S. Carlton	346 50
Sundry persons, special services at polls,	155 50
Minnie F. Woodland, matron	343 00
American Towel Supply Co., towel supply	48 00
American Express Co., expressing	3 94
Auto List Publishing Co., auto list	1 00
Allen Bros., badges	9 00
Henry Barrett, photographs	37 50
C. M. Blake, daily papers	14 80
George W. Butters, year book	2 00
D. J. Bennett, harness repairs	25 10
Belden & Snow, gloves	1 00
Charles E. Berry, repairs	7 30
Boston Nickel Plating Co., plating	18 83
L. H. Brown, carriage hire	5 50
Eugene A. Carter, disbursements	135 34
George H. Carleton, disbursements	25 60
Jotham Chisholm, disbursements	2 15
Cotter's Express, expressing	25
B. W. Carpenter, use of horse, etc.	84 00
Jackson Caldwell & Co., chair	7 50
Thomas Damery, disbursements	133 50
Charles W. Dailey, use of ambulance	16 00
F. Russell Dame, M. D., professional services	5 00
Davenport-Brown Co., cabinet work	2 38
Fresh Pond Ice Co., ice	33 53
Fred W. Farrar, repairing badges	10 25
George M. Fortin, painting	17 40
W. A. Greenough & Co., directory	12 00
Frederick H. Googins, disbursements	42 00
F. W. Hopkins, disbursements	111 15
William S. Howe, tin boxes	3 70
Hobbs & Warren Co., cutting cloth	38 37
Ralph F. Hodgdon, M. D., professional services	2 00
George F. Hughes, M. D., professional services	3 00
Iver Johnson Co., revolvers, etc.	159 68
William H. Johnston, disbursements	8 60
Dennis Kelley, disbursements	15 00
Edmund J. Keane, medical attendance,	32 75
M. Linsky & Bros., shoulder straps	38 75
Little, Brown, & Co., law books	6 75
Lord & Webster, hay	73 66
R. Masstrangialo, helmets, etc.	56 50
C. F. McCaffrey, M. D., professional services	3 00
New England Telephone & Telegraph Co., service	193 79
Neostyle Co., supplies	6 25
Fulton O'Brion, oats and hay	144 47
Amount carried forward	$82,466 74

Amount brought forward	$82,466 74	
Proctor Bros., hay and straw	118 65	
A. P. Rockwood, storage, etc.	49 50	
Ira L. Roberts, horseshoeing	107 90	
George B. Robbins & Co., disinfectant	7 50	
Lemuel H. Snow, disbursements	21 22	
Frank Shepard Co., law book	1 00	
S. Slater & Sons, police cloth	460 77	
R. M. Sturtevant & Co., supplies	65 34	
Somerville Journal Co., printing	17 90	
Scoville Mfg. Co., buttons	13 50	
M. E. Sturtevant, committing prisoners,	11 65	
Idella A. Taylor, washing	55 83	
Thomas W. Talcott, cloth	6 53	
Nathan Tufts & Sons, oats	50 90	
Underwood Typewriter Co., ribbons	4 00	
Union-square Carriage Mfg., repairs	3 30	
M. L. Vinal, stationery	4 80	
Whitney & Snow, hardware	42 32	
Wright & Potter Printing Co., blanks,	8 50	
Charles Waugh & Co., repairing wagons	307 93	
I. B. Walker, repairing	11 85	
		$83,837 63

Printing and Stationery (Public Documents and Stationery for the Board of Aldermen).

CREDIT.

Appropriations, from Taxes, 1907		$2,000 00
Excess and Deficiency account, balance transferred		129 78
		1,870 22
Receipts:—		
Cash, received of Edwin Butterworth & Co., old reports		64 71
		$1,934 93

DEBIT.

Cash, paid Wesley A. Maynard, printing	$232 83	
C. J. Peters & Son Co., electrotypes	7 00	
Somerville Journal Co., printing annual reports, etc.	1,695 10	
		$1,934 93

Property and Debt Balance.

CREDIT.

Balance from 1906		$3,680,162 92
Public Property, property acquired in 1907		87,072 42
Funded Debt, bonds matured		154,500 00
		$3,921,735 34

DEBIT.

Funded Debt, issue of 1907	$198,000 00	
Balance to credit of account, 1908	3,723,735 34	
		$3,921,735 34

Public Buildings Construction, Addition to Benjamin G. Brown School.

CREDIT.

Appropriations, from Funded Debt, 1907		$20,000 00
Balance unused, carried to 1908 account		8,333 88
		$11,666 12

DEBIT.

(Expenditures.)

Cash, paid J. M. Andrews & Son, on account of contract	$10,795 00	
Armstrong Bros., plumbing	8 05	
J. J. Hurley & Co., on account of contract	780 00	
Kenney Bros. & Wolkins, desks	72 00	
B. L. Makepeace, blue prints	11 07	
		$11,666 12

Public Buildings Construction, Addition to Hanscom School.

CREDIT.

Appropriations, from Funded Debt, 1907		$15,000 00
Sewers, Construction account, amount transferred		3,000 00
		$18,000 00
Balance unused, carried to 1908 account		5,510 47
		$12,489 53

DEBIT.

(Expenditures.)

Cash, paid Armstrong Bros., plumbing	$3 68	
J. J. Hurley & Co., on account of contract	685 00	
J. E. Locatelli, on account of contract,	11,164 00	
Thomas T. M. Sargent, making plans,	636 85	
		$12,489 53

Public Buildings Construction, Bath House.

CREDIT.

Appropriations, from Funded Debt, 1907		$3,000 00
Amount unused, carried to 1908 account		3,000 00

Public Buildings Construction, Heating Plant in Charles G. Pope School.

CREDIT.

Appropriations, from Funded Debt, 1907		$6,000 00
Balance to debit of account, 1908		948 69
		$6,948 69

DEBIT.

(Expenditures.)

Cash, paid D. F. Burke, masonry and steam fitting	$773 66	
Davenport-Brown Co., lumber	73 38	
Amount carried forward	$847 04	

Amount brought forward	$847 04	
Alexander Duncan & Co., on account of contract	5,775 00	
John Kennedy, masonry	108 20	
B. L. Makepeace, blue prints	4 56	
J. E. L. McLean, carpentering	130 86	
James W. O'Neill, plumbing	83 03	
		$6,948 69

Public Buildings Construction, Incinerator.

CREDIT.

Appropriations, from Funded Debt, 1907	$2,000 00
Balance to debit of account, 1908	622 02
	$2,622 02

DEBIT.

(Expenditures.)

Cash, paid Boston Belting Co., hose, etc.,	$8 11	
George H. Ireland, blacksmithing	3 00	
J. E. L. McLean, on account of contract,	1,800 00	
B. L. Makepeace, blue prints	1 89	
William J. McCarthy, teaming and excavating	223 75	
Pratt Construction & Engineering Co., masonry	226 49	
George L. Robinson, painting	18 58	
Roberts Iron Works Co., grate bearers, etc.	29 60	
Simpson Bros. Corp., laying asphalt, etc.	114 89	
E. S. Sparrow & Co., hardware	8 44	
H. G. White, electric work	36 11	
A. Wheeler Co., oil, paint, etc.	19 18	
A. M. Wood Co., iron	61 72	
	$2,551 76	
Water Maintenance account, repairing leak, etc.	5 99	
Water Works, Extension account, laying service pipe (Water Service assessment)	64 27	
		$2,622 02

Public Buildings Construction, Luther V. Bell School Fire Escapes.

CREDIT.

Balance from 1906	$59 30
Balance unused, carried to 1908 account	31 62
	$27 68

DEBIT.

(Expenditures.)

Cash, paid F. C. Ayer, lumber	$12 94	
J. E. L. McLean, lumber	14 74	
		$27 68

Public Buildings Construction, Vault, City Hall.

CREDIT.

Appropriations, from Funded Debt, 1907		$2,000 00
Balance unused, carried to 1908 account		432 19
		$1,567 81

DEBIT.

(Expenditures.)

Cash, paid F. C. Ayer, lumber	$48 86	
James F. Davlin, plumbing	65 85	
Herbert L. Henderson, pipe, etc.	131 00	
William J. McCarthy, teaming, excavating, and laying stone	1,028 48	
D. L. Shepard & Co., masonry	293 62	
		$1,567 81

Public Buildings Maintenance, City Buildings.

CREDIT.

Appropriations, from Taxes, 1907		$10,900 00
Excess and Deficiency account, balance transferred		278 99
		$11,178 99
County of Middlesex, rent of court room		600 00
Receipts:—		
Cash, received of Thomas Ormand, rent,	$120 00	
Arthur Murley, rent	120 00	
Robert T. Blair, electric light lamp	1 50	
Willard C. Kinsley Post, rent	2 00	
		243 50
		$12,022 49

DEBIT.

(Expenditures.)

Cash, paid John H. Adcock, plumbing	$6 10	
F. C. Ayer, lumber	78 41	
Armour & Co., washing powder	10 04	
American Radiator Co., pedestals	72	
James Bartley, matches, etc.	6 15	
Boston Feather Duster Co., dusters	63 84	
Boston Varnish Co., varnish	24 00	
P. Bowdren, work on lawn	1 25	
William H. Brine Co., towels	4 50	
Baker School Specialty Co., umbrella stand	6 00	
Broad Gauge Iron Works, letters for vane	2 75	
Bancroft's Express, expressing	15	
J. A. & W. Bird & Co., roofing	17 55	
D. P. Bucknam, masonry	18 00	
J. F. Brown, repairing clock	5 25	
C. W. Cahalan, plumbing	163 34	
W. W. Calkin, carpenter work	250 81	
Cambridge Gas Light Co., gas	375 93	
Cambridge Ice Co., ice	35 67	
Amount carried forward	$1,070 46	

Amount brought forward	$1,070 46
Daniel F. Campbell, plumbing	2 00
Consumers' Coal Co., coal	1,654 63
Jackson Caldwell & Co., furniture	45 85
Carlisle, Ayer Co., sash and doors	40 29
T. A. Cunningham, brushes	50
Cotter's Express, expressing	1 47
Co-Tar-O Remedy Co., disinfectant	15 00
Isaac Coffin Co., steamfitting	1 82
John C. Cremen, weighing coal	8 00
Davenport-Brown Co., wood work	19 06
E. C. Drouet, repairing window	2 40
James F. Davlin, plumbing	67 06
Derby Desk Co., repairing furniture	64 30
Julian D'Este Co., hallcocks	2 50
H. I. Dallman & Co., brushes	20 00
William F. Eccles, repairs	8 00
Edison Electric Illuminating Co., lighting	2,409 37
Electric Goods Mfg. Co., electric supplies	60 90
John F. Foster, shaker	1 80
I. G. Felt, laundering towels	25 50
F. C. Fuller, kitchen supplies	69 24
Fenelon Pharmacy, brushes and comb,	1 00
Gas Consumers' Association, service	24 00
Glines & Co., expressing	6 45
Globe-Wernicke Co., cabinet	25 00
Gilman's Express, expressing	25
Gurney Heater Mfg. Co., section	10 68
Norman C. Hayner Co., disinfectant	34 00
S. D. Hicks & Son, conductors	232 00
William S. Howe, radiator, etc.	13 65
J. J. Hurley & Co., installing boiler	196 55
Jim Hodder & Bro., towels	5 00
Hemeon Bros., carpenter work	4 27
William J. Hanson, plumbing	22 98
Frank O. Johnson, plumbing	13 89
H. W. Johns-Manville Co., covering	62 50
G. L. Janvrin, repairing clock	2 00
Jenkins Bros., valves	7 31
John H. Kelley, steamfitting	31 50
E. & F. King & Co., soda ash	5 11
James Kenney, carpenter work	26 24
T. E. Littlefield, lumber	135 20
Howard Lowell & Son, sponges	10 94
Lustra Co., soap	3 60
Lumsden & Van Stone Co., gaskets	13 30
J. E. L. McLean, carpenter work	566 25
A. F. McMillan, repairing furnace	18 36
Charles F. Mills, carpentering	301 98
A. M. Morton & Co., steamfitting	12 44
George W. Manning, repairing halyards,	17 80
Thomas McNee, repairing roof	44 02
Martin & Wood, repairing mowers	3 80
William J. McCarthy, excavating	56 59
G. F. McKenna, teaming	16 75
C. W. H. Moulton & Co., step-ladder,	4 20
Amount carried forward	$7,519 76

Amount brought forward		$7,519 76
Metropolitan Coal Co., coal		471 50
Nevermyss Fire Extinguisher Co., extinguishers		30 00
Pittsburg Plate Glass Co., glass		26 24
W. E. Plumer & Co., hardware		56 79
L. A. Penney, carpentering		2 00
Pratt Construction & Engineering Co., mason work		524 04
William H. Page Boiler Co., steamfitting,		30
Roberts Iron Works Co., boiler and supplies		7 43
George L. Robinson, painting, etc.		184 71
Fred R. Rogers, table	$3 50	
(Cash)	3 50	
Wilbur P. Rice, lumber		27 45
George L. Rice, lumber		2 25
John B. Rufer, hinges, etc.		5 70
A. A. Sanborn, retubing boiler		100 00
E. S. Sparrow & Co., hardware		106 59
C. A. Southwick, labor		55 00
Shepard, Clark & Co., brushes		86 95
W. A. Snow Iron Works, window guards,		30 00
C. B. Sanborn, extension of heating plant		535 00
Sanitary Dust Removing Co., cleaning,		99 10
Standard Charcoal Co., charcoal		15 00
C. A. Slager, carpenter work		2 35
F. A. Teele, wood		73 33
Underhill Hardware Co., hardware		74 59
Charles L. Underhill, drill clamp, etc.		1 50
Wellington-Wild Coal Co., coal		1,115 83
H. G. White, electric work		19 03
Mary J. Whitney, mending flags		10 00
Whitney & Snow, hardware		17 45
William J. Wiley, hardware		200 58
Walsh Bros., mason work		105 36
D. W. Webster, caning chairs		18 00
Asahel Wheeler & Co., paint stock		96 93
Wilson, Larrabee & Co., cloth		32 10
H. Wood, repairing locks		8 70
Whitten & Jackson, installing hot water system		293 00
Wadsworth, Howland & Co., paint remover		1 75
Henry A. Wheeler & Co., ensigns		19 63
James Wilkinson & Co., repairing telephone		1 50
I. B. Walker, irons for vane		2 65
John M. Woods & Co., lumber		23 25
		$12,003 34
Sewers, Construction account, cement		16 50
Water, Maintenance account, shut-off		2 65
		$12,022 49

Public Buildings Maintenance, Fire Department.

CREDIT.

Appropriations, from Taxes, 1907	$3,600 00
Amount transferred from Excess and Deficiency account	1,427 41
Excess and Deficiency account, balance transferred	209 08
	$5,236 49

DEBIT.

(Expenditures.)

Cash, paid F. C. Ayer, lumber	$41 09
W. B. Brown & Co., repairing	10 15
P. Bowdren, work on lawn	4 38
Charles E. Berry, supplies	2 16
J. F. Brown, repairing clock	1 50
Cambridge Gas Light Co., gas	56 52
Charlestown Gas & Electric Co., gas	65 16
Consumers' Coal Co., coal	738 16
T. A. Cunningham, brushes	2 00
Jackson Caldwell & Co., mattresses	36 00
Carlisle, Ayer Co., doors	8 50
Continental Grate Co., repairing grate,	13 92
Alexander Duncan Co., grate	10 00
James F. Davlin, plumbing	15 96
Davenport-Brown Co., lumber	53 58
T. L. Davis & Co., cordage	51 94
Thomas Dowd, lathing and plastering,	62 73
J. A. Durell, repairing pipe	3 59
Edison Electric Illuminating Co., lighting	945 54
Electric Goods Mfg. Co., supplies	18 72
Albert B. Franklin, grates	5 30
W. J. Fermoyle, painting	250 00
Gurney Heater Mfg. Co., heater	40 00
Charles H. M. Hunnewell, repairing boiler	26 00
S. D. Hicks & Son, boiler, etc.	235 00
E. Horne, repairing	5 75
William S. Howe, repairing heater	4 75
Frank O. Johnson, tubing, etc.	1 92
James Kenney, labor	37 50
John H. Kelley, repairing boiler, etc.	12 00
George W. Ladd, furnace shaker	1 50
T. E. Littlefield, lumber	59 36
Lumsden & Van Stone Co., gaskets	4 13
A. F. McMillan, repairing furnace	5 95
Thomas McNee, repairing roof	35 84
Charles F. Mills, carpentering	178 83
A. M. Morton & Co., steam supplies	10 33
George W. Manning, work on flag-staff,	43 50
Metropolitan Coal Co., coal	345 00
James W. O'Neil, plumbing	64 76
Pittsburg Plate Glass Co., glass	5 54
W. E. Plumer & Co., hardware	13 46
W. P. Rice, lumber	22 09
John B. Rufer, bolts	3 00
George L. Robinson, glazing and painting	95 27
Amount carried forward	$3,648 38

Amount brought forward	$3,648 38	
Roberts Iron Works Co., guard	31 30	
A. A. Sanborn, steamfitting	356 40	
W. A. Snow Iron Works, strainers	1 20	
E. S. Sparrow & Co., hardware	11 11	
Frank A. Teele, wood	73 39	
Wellington-Wild Coal Co., coal	842 21	
William J. Wiley, pipe, etc.	10 71	
John M. Woods & Co., lumber	147 41	
Asahel Wheeler Co., paint stock	67 28	
Walker & Pratt Mfg. Co., grate	50	
Henry A. Wheeler, ensigns	18 15	
Waldo Bros., lime	1 10	
Walsh Bros., mason work	9 40	
Frederick B. Witherley, grates, etc.	17 95	
		$5,236 49

Public Buildings Maintenance, Janitors' Salaries.

CREDIT.

Appropriations, from Taxes, 1907	$28,500 00
Excess and Deficiency account, balance transferred	414 60
	$28,914 60

DEBIT.

(Expenditures.)

Cash, paid janitors' salaries	$28,914 60

Public Buildings Maintenance, Schoolhouses.

CREDIT.

Appropriations, from Taxes, 1907	$30,000 00
Overlay and Abatement account, amount transferred	3,500 00
Excess and Deficiency account, balance transferred	3,811 47
	$37,311 47

Receipts:—

Cash, received of Walter T. Littlefield, telephone tolls	$19 50	
Henry B. Sellon, gas	30 51	
Ralph A. Hight, old boiler	25 00	
Charles L. Underhill, use of ward room,	1 00	
Waldo Proctor, use of ward room	4 00	
Charles E. Butterworth, use of ward room	2 00	
A. A. Elston, use of ward room	2 00	
F. D. Wilkins, use of ward room	7 00	
D. B. Armstrong, use of ward room	5 00	
Francis Rourke, use of ward room	1 00	
Republican City Committee, use of ward room	3 00	
Ernest L. Taylor, use of ward room	7 00	
Benjamin F. Freeman, use of ward room,	4 00	
Ward 5 Republican Club, use of ward room	2 00	
William L. Waugh, use of ward room,	3 00	
Albert G. Crowley, use of ward room	6 00	
William S. McLean, use of ward room	3 00	
		125 01
		$37,436 48

DEBIT.

(Expenditures.)

Cash, paid American Express Co., expressing	$2 30	
(Cash)	2 05	
		25
American Seating Co., school furniture,		633 10
Armour & Co., washing powder		26 14
Armstrong Bros., plumbing		150 30
John H. Adcock, plumbing		44 35
F. C. Alexander, mason work		769 94
E. O. Arnold & Co., cleaning carpets,		40 01
F. C. Ayer, lumber		20 96
Ashton Valve Co., repairing gage		46 05
Thomas Allen, concrete		337 90
Edwin Adler, services as fireman		19 00
G. P. Anderson, hose connection		1 50
Andrews & Andrews, steamfitting		75 00
Bay State Electric Co., electrical work,		117 90
Mrs. James F. Beard, book case		12 00
D. J. Bennett, straps for doors		14 25
Blodgett Clock Co., installing electric clock and bell system		534 19
Boston Belting Co., supplies		3 32
Boston Feather Duster Co., dusters		63 84
A. L. Briggs, cleaning floor		45 00
W. B. Brown & Co., fence		82 46
Baker School Specialty Co., repairing blackboards		134 52
Bay State Belting Co., belting		4 07
D. P. Bucknam, mason work		405 10
George F. Blake Mfg. Co., packing		1 27
Patrick Bowdren, work on lawn		152 56
Patrick Burke, labor and seed		52 13
Barbour Stockwell Co., castings		4 52
Broad Gauge Iron Works, gilded ball, etc.		8 25
Arthur W. Berry, carpenter work		122 53
J. A. Bremner & Co., tinting ceilings, etc.		350 00
Matthew M. Blunt, reseating chairs		9 00
Boston Varnish Co., varnish		24 00
Edward H. Barter, repairing clocks		3 50
J. E. Bell, slating		35 26
Braman, Dow & Co., supplies		3 05
J. F. Brown, repairing clock		2 50
Bliss Bros., truck		1 35
C. W. Cahalan, plumbing		485 19
Jackson Caldwell & Co., furniture		242 85
Cambridge Gas Light Co., gas		982 44
Daniel T. Campbell, steamfitting		6 00
Charlestown Gas & Electric Co., gas		349 92
L. E. Clayton, cheese cloth		3 10
John Conrad & Co., brooms		18 51
Consumers' Coal Co., coal		9,543 34
H. W. Covell, plumbing		6 45
John W. Cremen, services as attendant,		75
Amount carried forward		$15,989 62

Amount brought forward	$15,989 62
Cunningham Iron Co., arches, etc.	40 68
Isaac Coffin Co., steamfitting	4 01
T. A. Cunningham, brushes	1 65
L. G. Columbus & Co., steamfitting	2 04
H. E. Campbell, plumbing and repairing	12 05
Clarence V. Cook, trestles	8 00
Timothy F. Crimmings, cleaning yard,	16 75
Carlisle, Ayer Co., doors, etc.	29 95
Cotter's Express, expressing	7 20
Davenport-Brown Co., lumber	372 11
Alexander Duncan & Co., steamfitting	20 00
S. H. Davis Co., bolts, etc.	1 45
J. F. Davlin, plumbing	83 64
Thomas Dowd, mason work	23 60
H. I. Dallman & Co., brushes	20 00
John Ducey, cleaning carpets, etc.	101 62
Andrew Dutton, denim	6 96
James Duncan, plumbing	95
Edison Electric Illuminating Co., lighting	2,418 23
Electric Goods Mfg. Co., supplies	507 56
Enterprise Rubber Co., packing	5 63
Eldridge, Baker & Co., gold dust	12 45
Fred W. Farrar, repairing clocks	49 00
Frank E. Fitts Mfg. & Supply Co., ash cans	62 00
J. H. Fannon, concrete	216 60
Franklin-street Congregational Society, settees	35 30
Ernest F. Flagg, repairing ceilings	165 00
Charles Gallaway, services as attendant,	75
Gas Consumers' Association, service	40 00
Glines & Co., expressing	12 55
Garlock Packing Co., packing	2 82
Walter J. Godfrey, tinting ceilings, etc.,	120 00
A. C. Gordon, washing and tinting corridors	105 00
Gilman Express Co., expressing	85
A. B. Hall, expressing	3 60
R. Hull, oil	36 96
William S. Howe, drinking cups, etc.	9 35
J. J. Hurley & Co., steamfitting	976 21
E. N. Hutchins, building fence	31 63
Charles H. M. Hunnewell, plumbing	59 75
Hartford Steam Boiler Inspection and Insurance Co., insurance	37 50
S D. Hicks & Son, copper work	305 00
Alfred H. Hines, mason work	60 54
Edgar O. Hunt, gas shades, etc.	10 92
Johnson Service Co., steamfitting	100 33
Herbert Jay, use of hall	40 00
H. James & Son, soft soap	9 00
George L. Janvrin, repairing clocks	11 00
Jarvis Engineering Co., grates	20 20
Jenkins Bros., discs	2 49
H. W. Johns-Manville Co., plumbing	10 71
Amount carried forward	$22,221 21

Amount brought forward	$22,221 21
Frank O. Johnson, plumbing	263 44
Ernest H. Johnson, Assn., electrical supplies	63 75
Ernest H. Johnson, electrical work	71 25
John J. Kelley, steamfitting	12 75
James Kenney, carpentering	124 84
Kenney Bros. & Wolkins, furniture	754 30
John H. Kelley, steamfitting	213 45
E. S. Kearney, sawdust	28 50
J. A. Kiley, repairing tools	75
Charles A. Kelley, sand and teaming	10 50
John Kennedy, mason work	81 60
E. & F. King & Co., soda ash	5 25
George W. Ladd, splicing bar	75
Howard Lowell & Son, board of horse, etc.	390 77
John E. Locatelli, mason work	242 17
W. T. Littlefield, reimbursement	23 90
T. E. Littlefield, lumber	5 51
S. P. Larsen, roof repairing	240 04
Lumsden & Van Stone Co., gaskets	92 67
George W. Manning, work on flag-staff,	97 00
George A. McGunnigle, services as attendant	3 75
George F. McKenna & Son, teaming	109 50
A. F. McMillan, furnace repairing	119 18
Thomas McNee, roof repairing	521 53
Charles F. Mills, carpentering	570 98
C. W. H. Moulton & Co., ladder	8 40
A. M. Morton & Co., steamfitting	108 01
Murphy, Leavens Co., brushes	34 00
G. F. McKenna, teaming	43 00
George McDormand, shoeing	19 25
Martin & Wood, repairing locks, etc.	12 35
B. L. Makepeace, paper	2 00
Wesley A. Maynard, advertising	2 25
J. C. McLean, furniture	31 50
J. E. L. McLean, carpentering	210 72
Metropolitan Coal Co., coal	920 00
New England Telephone & Telegraph Co., service	452 57
Norton Door Check Co., repairing	10 71
Natural Autoforce Ventilator Co., installation of ventilator	150 00
Orient Mfg. Co., atomizers	90 50
John F. O'Brien, cleaning	8 00
James W. O'Neil, plumbing	138 23
P. J. O'Malley, whitewashing	37 00
Charles B. Parker, wiring	50 00
Perham's Express, expressing	1 05
Pittsburg Plate Glass Co., glass	103 18
O. M. Pote, services as attendant	4 50
Charles Parker, steamfitting	15 00
W. E. Plumer & Co., hardware	50 92
J. H. Pearson, diaphragm	7 00
L. A. Penney, carpentering	38 53
Phillips & Co., glass, etc.	85
Amount carried forward	$28,818 86

Amount brought forward		$28,818 86
Roberts Iron Works Co., boiler supplies		74 08
George L. Robinson, painting and glazing		604 68
John A. Robinson, disinfectant		28 75
J. B. Rufer, bolts, etc.		7 20
Charles A. Rounds, wiring		280 15
W. P. Rice, lumber		15 58
F. M. Rogers & Co., painting		224 00
A. G. Renner, expressing		35
W. A. Snow Iron Works, vane		43 20
E. S. Sparrow & Co., hardware		121 15
C. E. Stephenson, repairing clocks		5 75
John Stackpole, carpentering, etc.		238 01
P. Sutherland & Co., supplies		93 20
Shepard, Clark & Co., brushes		114 91
B. F. Sturtevant & Co., repairing engines		120 67
Standard Charcoal Co., charcoal		33 00
Mabel E. Stevens, torn dress		6 00
T. A. Sallaway, supplies		1 91
Simpson Bros. Corporation, laying floor,		36 00
A. A. Sanborn, plans and specifications,		110 18
Somerville Journal Co., advertising		3 00
J. C. Sampson, whitewashing		38 00
Somerville Sun, advertising		3 00
Stillman-Carmichael Co., weights		2 90
Frank A. Teele, wood		294 28
Thorpe's Express, expressing		90
Union Soapstone Co., plumbing		47 25
Charles L. Underhill, wrenches, etc.		13 25
Underhill Hardware Co., hardware		132 46
Asahel Wheeler Co., paint supplies		77 61
H. G. White, electrical work		140 67
Whitney & Snow, hardware		90 01
William J. Wiley, hinges		57 65
Herbert Wood, repairing locks		8 10
Wellington-Wild Coal Co., coal		4,444 86
Walworth Mfg. Co., valves		2 56
D. W. Webster, furniture,	$21 00	
(Cash)	10 80	
		10 20
Henry A. Wheeler & Co., ensigns		58 05
George H. Wickes & Son, painting		294 80
H. W. Waite & Co., floor oil		69 65
Mary J. Whitney, mending flags		3 00
I. B. Walker, supplies		6 45
West Disinfecting Co., disinfectant		15 00
Watson Trust Co., half cost of fence	$3 86	
(Cash)	50	
		3 36
Waldo Bros., lime and teaming		4 10
Sylvester Woods, carpentering		34 90
G. A. Walker, painting		285 00
Walsh Bros., mason work		183 65
Frederick B. Witherley, covers		20 62
Amount carried forward		$37,322 91

Amount brought forward	$37,322 91	
L. A. Wright, irons for doors	2 25	
Henry J. Williams, analyzing coal	30 00	
Wadsworth, Howland, & Co., paint, etc.,	11 89	
Israel Winterbottom, whitewashing	10 00	
Joseph Young, cleaning	12 00	
Yawman & Erbe Mfg. Co., supplies	44 75	
	$37,433 80	
Water, Maintenance account, shut-off	2 68	
		$37,436 48

Public Grounds.

CREDIT.

Appropriations, from Taxes, 1907		$10,700 00
Excess and Deficiency account, balance transferred		23 44
		$10,723 44
Stock and labor billed other departments:—		
Sidewalks, Construction account, edgestones		22 50
Receipts:—		
Cash, received of Somerville High School Athletic Association, labor and materials	$143 80	
Boston Elevated Railway Co., part cost maintenance Broadway parkway, 1907,	50 00	
		193 80
		$10,939 74

DEBIT.

(Expenditures.)

Cash, paid laborers	$7,084 35	
F. C. Ayer, lumber	41 91	
American Express Co., expressing	40	
D. J. Bennett, repairing	21 00	
William L. Baker & Co., road drag	15 00	
Joseph Breck & Sons, repairing mower	18 10	
Charles E. Berry, repairing fences	11 31	
Davenport-Brown Co., goal post, etc.	10 31	
Commonwealth Motor & Driving Club, dinners	22 50	
Timothy F. Crimmings, grading	97 25	
J. A. Durell, dippers, etc.	4 31	
Arthur C. Gordon, painting	76 55	
Goods Roads Co., terracolio	49 50	
Good Roads Improvement Co., asphaltoilene	174 82	
Hemeon Bros., carpentering	548 91	
Highland Coal Co., lime	12 15	
J. W. Howard, plants	1,088 37	
M. D. Jones & Co., settees	30 00	
F. M. Kimball, slates	19 25	
E. S. Kearney, teaming sawdust	5 00	
Howard Lowell & Son, use of brake	25 00	
A. S. Morse & Co., links, etc.	8 02	
William G. Martin, repairing saws	80	
Amount carried forward	$9,364 81	

Amount brought forward	$9,364 81	
George W. Manning, repairing halyards,	52 75	
J. A. Marsh Coal Co., loam	28 88	
Martin & Wood, sharpening	31 85	
G. F. McKenna & Son, teaming	174 00	
Thomas Murphy, glass	2 00	
New England Nurseries, trees	101 40	
W. E. Plumer & Co., hardware	13 18	
A. G. Renner, expressing	2 15	
E. S. Sparrow & Co., tools	24 22	
James Tevlin, teaming	432 28	
Heirs Nathan Tufts, use of land	98 82	
Anna Tevlin, repairing flags	2 50	
Charles L. Underhill, supplies	1 00	
Underhill Hardware Co., hardware	123 70	
Whitney & Snow, hardware	148 22	
I. B. Walker, repairing	16 07	
C. H. Williams, loam	7 50	
Waldo Bros., drain pipe	25 86	
L. A. Wright, repairing settee	50	
Wright & Ditson, bases	14 00	
Henry A. Wheeler & Co., ensigns	59 18	
Winchester Stone Co., crushed stone	103 41	
	$10,828 28	
Sidewalk Assessments account, assessment,	48 72	
Water Maintenance account, labor	62 74	
		$10,939 74

Public Library.

CREDIT.

Appropriations, from Taxes, 1907		$15,000 00
County of Middlesex, dog licenses		4,109 54
		$19,109 54
Excess and Deficiency account, balance transferred		06
		$19,109 48
Receipts:—		
Cash, received of Sam Walter Foss, librarian:—		
books	$158 12	
fines	794 73	
telephone tolls	15 82	
		968 67
		$20,078 15

DEBIT.

(Expenditures.)

Cash, paid Sam Water Foss, salary as librarian	$2,500 00	
Florence D. Hurter, assistant librarian	766 67	
disbursements	61 70	
Esther Mayhew, cataloguer	666 67	
Edith B. Hayes, assistant cataloguer	566 67	
Anna L. Stone, assistant	616 67	
Mabel E. Bunker, assistant	699 87	
Amount carried forward	$5,878 25	

Amount brought forward	$5,878 25
Mary S. Woodman, assistant	616 67
Bessie L. Duddy, assistant	566 67
Nellie M. Whipple, assistant	566 67
Alice M. Sears, assistant	566 67
Florence M. Barber, assistant	566 67
Charlotte R. Lowell, assistant	99 99
Raymah H. Smith, assistant	316 66
A. Myrtle Merrill, assistant	150 00
Charles A. Perry, assistant	172 65
F. Stuart Dean, assistant	168 76
Saxton C. Foss, assistant	162 03
Cecil M. Barlow, assistant	124 90
William E. Bagster, assistant	42 50
William Abbott, books	18 50
American Book Co., books	9 16
American Express Co., expressing	46 67
John R. Anderson Co., books	633 76
D. Appleton & Co., books	61 68
American Tissot Society, books	12 00
A. R. Andrews, supplies	5 85
Allyn & Bacon, books	2 36
American Library Association, membership	5 00
American Society for the Extension of University Teaching, books	1 60
American Political Science Association, periodical	3 00
Anderson Auction Co., books	26 00
A. C. Armstrong & Co., books	4 51
W. H. Baker, books	50
C. W. Bradeen, books	1 25
Cecil M. Barlow, express	51 60
R. M. Barrett, books	12 30
N. J. Bartlett & Co., books	37 30
R. E. Bisbee, books	24 10
C. M. Blake, periodicals	6 00
Boston Bookbinding Co., bookbinding	246 85
George W. Butters, book	6 50
C. H. M. Barrett, repairs	5 00
Bates & Guild Co., periodical	2 55
Boston Book Co., books	28 18
Boston Music Co., music books	11 06
Milton Bradley Co., books	1 80
Baker & Taylor Co., books	24 92
Brookline Press Memorial, books	5 40
Bobbs-Merrill Co., books	2 01
Burnham Antique Book Store, books	1 50
Boston Indexing Bureau, index	21 00
George T. Bailey, periodicals	23 36
Burrows Co., books	6 25
George Barrie & Sons, books	12 00
P. Blakiston Son & Co., books	2 92
A. S. Barnes & Co., books	6 65
The Beale Press, books	50
Brentano's, books	1 04
Century Co., books	10 49
Cedric Chivers, books	77 06
Amount carried forward	$11,459 27

Amount brought forward	$11,459 27
W. B. Clarke Co., books	6 00
Frederic E. Crichett, books	4 00
Arthur H. Clark Co., books	1 13
Charles M. Clark Co., books	9 35
Myra B. Creeley, books	7 20
Baldwin Coolidge, mounting	9 10
Thomas Y. Crowell & Co., books	4 40
Claude Curtis, agency	80 00
Cambridge Ice Co., ice	7 00
The De Burrians, book	3 15
Desmond Publishing Co., books	178 35
Oliver Ditson Co., music books	21 51
Dodd, Mead, & Co., books	34 00
Derry-Collard Co., books	75
Doubleday, Page, & Co., books	4 32
E. P. Dutton & Co., books	10 14
DeWolfe, Fiske, & Co., books	5 80
Dick & Fitzgerald, books	3 60
Frederick J. Drake & Co., books	7 44
G. W. Dillingham Co., books	1 12
Davis Press, books	42
The Dial Co., periodical	50
Engineering News Publishing Co., books,	4 25
Educational Publishing Co., books	14 88
Charles Evans, books	15 00
David Farquhar, binding	368 35
A. Flanagan Co., books	67
Mrs. Frank P. Flynn, books	4 50
T. T. Fryer, books	63 37
Funk & Wagnalls Co., books	2 80
First Congregational Society, books	1 25
Forest & Stream Publishing Co., books	1 47
Fiduciary Press, books	67
Gilman Express Co., expressing	141 91
Ginn & Co., books	36 71
Herman Goldberger, periodicals	424 55
Thomas Groom & Co., stationery	71 80
W. A. Greenough & Co., books	11 00
F. B. Greene, books	3 00
Goodspeed's Book Shop, book	3 00
The Grafton Press, books	2 50
Glines & Co., expressing	80
Globe School Book Co., books	64
Harper & Bros., books	22 89
O. S. M. Haskell, agency	255 00
Henry Holt & Co., books	26 80
Houghton, Mifflin, & Co., books	100 69
S. Henry Hadley, music book	75
Francis P. Harper, books	12 60
Heaton's Agency, books	1 10
Norman W. Henley Publishing Co., books	45
J. L. Hammett Co., books	1 01
R. R. Havens Co., books	12 00
D. C. Heath & Co., books	6 02
Hinds, Noble, & Eldredge, books	2 80
Harvard Co-operative Society, books	77
Amount carried forward	$13,474 55

Amount brought forward	$13,474 55
Ham Bros., books	12 75
B. Herder, books	1 03
Howard Publishing Co., books	60
H. S. Inman, books	8 00
William G. Johnston & Co., binders	1 60
Orange Judd Co., books	2 83
C. A. Koehler & Co., books	146 59
W. A. Keating, books	8 00
John Lane Co., books	9 98
Lexington Book Shop, books	75
C. F. Libbie & Co., books	73 25
Library Bureau, supplies	61 20
Little, Brown, & Co., books	2,066 23
J. S. Lockwood, books	7 62
C. S. Lombard & Co., agency	71 72
John B. H. Longfellow, binding	267 00
Lothrop, Lee, & Shepard Co., books	102 07
J. B. Lippincott Co., books	4 37
Longmans, Green, & Co., books	20 99
The Lamb Publishing Co., books	30 00
Charles E. Lauriat Co., books	33 00
George T. Little, books	2 00
George E. Littlefield, books	113 00
Library of Congress, cards	50 00
Lea Bros. & Co., books	4 25
W. H. Lowdermilk & Co., books	3 50
George A. Lewis, books	2 63
John W. Luce & Co., books	1 00
A. C. McClurg & Co., books	11 83
McDevitt-Wilson, books	123 55
S. F. McLean & Co., books	9 11
Macmillan Co., books	94 26
John Moore, books	5 67
Mutual Book Co., books	54
Moffat, Yard & Co., books	4 54
McGraw Publishing Co., books	3 60
H. D. Martin, books	1 50
Medford Historical Society, periodical	2 00
Munn & Co., books	5 52
Wesley A. Maynard, printing	14 00
Henry Malkan, books	108 90
Methodist Book Concern, books	96
Morris-Pierce Publishing Co., books	3 50
McClure Co., books	3 53
S. N. D. North, books	2 00
Nickerson & Collins Co., books	10 00
National Prison Association, books	1 50
William J. Nagel, books	5 00
New England Historical & Genealogical Society, books	20 00
New England Magazine, periodical	25
New England Telephone & Telegraph Co., service	53 22
New York & New England Publishing Co., books	58 50
National Educational Association, books,	2 00
C. L. Noyes, books	1 80
Amount carried forward	$17,127 79

Amount brought forward		$17,127 79
Oak Hall Clothing Co., books		1 00
Old Corner Book Store, books		21 79
Oxford University Press, books		3 97
Outing Publishing Co., books		75
Pearson Bros., books		3 00
Penn Publishing Co., books		26 28
Perham's Express, expressing		21 05
Publishers' Weekly, periodicals		16 70
G. P. Putnam's Sons, books	$93 92	
(Cash)	50	
		93 42
The Presser, music books		3 44
S. L. C. Perkins, agency		39 69
Phonographic Institute Co., books		81
L. C. Page & Co., books		1 43
Poor's Railroad Manual Co., book		10 00
Publishing Committee, Somerville Historical Society, periodical		3 00
C. S. Parker & Son, books		2 66
Pilgrim Press, periodical		2 50
Prang Educational Co., books		4 32
Review of Reviews Co., books		17 10
S. A. Riker, agency		11 32
C. F. Randall, books		6 75
Fleming H. Revell Co., books		6 21
Rudder Publishing Co., books		1 00
P. B. Sanford Co., binding		1,438 45
Schoenhof Book Co., books		6 86
Scott, Foresman & Co., books		88
Charles Scribner's Sons, books		64 08
Somerville High School Radiator, periodical		3 25
Standard Sanitary Mfg. Co., books		3 00
Stilphen's Express, expressing		55
Somerville Journal Co., printing		355 85
Somerville Post-office, postage		24 00
Frederick A. Stokes Co., books		2 99
Theodore E. Schulte, books		9 52
Smith Book Co., books		14 05
Spon & Chamberlain, books		1 76
George H. Springer, books		1 16
Salem Press Co., books		5 20
William Greene Shillaber, books		20 00
Stone & Forsyth, supplies		2 98
Sampson & Murdock Co., books		6 00
Charles N. Sinnett, book		4 50
James M. Sullivan, binding		8 35
R. Selleck Co., books		26 64
The System Co., books		17 10
W. B. Saunders Co., books		3 50
Small, Maynard, & Co., books		2 15
Willis K. Stetson, binder		1 25
Charles R. Taylor, expressing		84 90
Tabard Inn Library Co., books		70 76
Thompson-Pitt Book Co., books		1 50
Thompson & Thomas, books		1 00
Herbert B. Turner & Co., books		1 80
Amount carried forward		$19,610 01

Amount brought forward	$19,610 01	
Truman H. Thorpe, bookcase	48 00	
Topsfield Historical Society, book	94	
Union Library Association, books	78 57	
University of Chicago Press, books	31 96	
Underhill Hardware Co., hardware	1 00	
Underwood & Underwood, stereoscopes,	4 35	
M. L. Vinal, agency	27 22	
D. Van Nostrand Co., books	4 33	
John Wanamaker, books	1 06	
Webcowit Press, printing	139 90	
John Wiley & Sons, books	26 17	
H. W. Wilson Co., periodicals	12 57	
Woman's Journal, periodicals	1 25	
Edgar S. Werner & Co., books	1 40	
James T. White & Co., books	2 00	
Writer Publishing Co., periodical	1 20	
Alice M. Young, agency	69 33	
The Young Churchman, books	15 64	
Zion's Herald, periodical	1 25	
		$20,078 15

Public Library, Isaac Pitman Fund, Art.

CREDIT.

Balance from 1906	$4,251 66

DEBIT.

Balance to credit of account, 1908	$4,251 66

Public Library, Isaac Pitman Fund, Poetry.

CREDIT.

Balance from 1906	$1,062 92

DEBIT.

Balance to credit of account, 1908	$1,062 92

Public Library, Isaac Pitman Fund, Income, Art.

CREDIT.

Balance from 1906		$158 36
Receipts:—		
Cash, income from invested funds		160 00
		$318 36
Balance of account unused, carried to 1908		89 51
		$228 85

DEBIT.

(Expenditures.)

Cash, paid Mrs. A. F. Baldridge, stereoscopes	$7 20	
The Bowker, Torrey Co., transportation of statue	39 85	
T. T. Freyer, books	17 62	
Amount carried forward	$64 67	

Amount brought forward	$64 67	
Oliver J. Hobbs, painting	50 00	
C. A. Koehler & Co., books	14 40	
John Lane Co., books	2 72	
Little, Brown, & Co., books	17 46	
Library Art Club, dues	6 00	
McDevitt-Wilson, books	18 80	
A. C. McClurg & Co., books	9 84	
Lloyd Newcombe, stereopticon views	8 00	
C. F. Randall, stereographs	16 60	
Charles Scribner's Sons, books	1 23	
Underwood & Underwood, pictures	17 46	
H. C. White Co., stereographs	1 67	
		$228 85

Public Library, Isaac Pitman Fund, Income, Poetry.

CREDIT.

Balance from 1906		$79 83
Receipts:—		
Cash, income from invested funds		40 00
		$119 83
Balance of account unused, carried to 1908		64 92
		$54 91

DEBIT.

(Expenditures.)

Cash, paid Dodge Publishing Co., book	$1 59	
Dana Estes & Co., books	15 75	
J. B. Lippincott & Co., books	3 90	
Little, Brown, & Co., books	17 82	
Macmillan Co., books	3 81	
G. Leonard McNeill, books	1 50	
McDevitt-Wilson, books	1 25	
Oxford University Press, books	5 52	
L. C. Page & Co., books	91	
Silver, Burdett, & Co., books	59	
Frederick A. Stokes Co., books	77	
F. H. Townsend, books	1 50	
		$54 91

Public Library, Isaac Pitman Fund, Investment Account.

CREDIT.

Balance to debit of account, 1908	$5,314 58

DEBIT.

Balance from 1906	$5,314 58

Public Property.

CREDIT.

Balance to debit of account, 1908	$5,231,735 34

DEBIT.

Property and Debt Balance, property acquired in 1907	$87,072 42	
Balance from 1906	5,144,662 92	
		$5,231,735 34

Real Estate Liens.

DEBIT.

Balance from 1906	$2,340 61

CREDIT.

Overlay and Abatement account, Whipple-street property,	$351 88
Cash, received of sundry persons	29 53
Balance to debit of account, 1908	1,959 20
	$2,340 61

Redemption of Tax Liens.

CREDIT.

Cash, received of sundry persons, redemption of tax liens,	$1,245 37
Amount accruing to city under Chapter 443, Acts of 1902, carried to City Treasurer account	22 00
	$1,223 37

DEBIT.

(Expenditures.)

Cash, paid sundry persons, redemption of tax liens	$1,223 37

Reduction of Funded Debt.

CREDIT.

Balance from 1906	$13,000 00
Appropriations, from Taxes, 1907	104,500 00
Water Works Income, amount appropriated, Water Bonds	7,000 00
Renewal of Funded Debt	10,000 00
Sewers, Construction account, amount transferred	30,000 00
Water Works Income, balance transferred	13,823 65
	$178,323 65
Excess and Deficiency account, balance transferred	10,823 65
	$167,500 00
Balance to credit of account, 1908, amount of bonds matured, not presented	14,000 00
	$153,500 00

DEBIT.

(Expenditures.)

Cash, paid bonds maturing in 1907	$153,500 00

Renewals of Funded Debt.

CREDIT.

Appropriations, from Funded Debt, 1907	$10,000 00

DEBIT.

Reduction of Funded Debt, bonds paid	$10,000 00

School Contingent.

CREDIT.

Appropriations, from Taxes, 1907		$27,000 00
Excess and Deficiency account, balance transferred		2,335 32
		$29,335 32
Receipts:—		
Commonwealth of Massachusetts, tuition of state wards		131 50
Cash, received of G. A. Southworth, superintendent of schools, tuition of non-resident pupils	$165 23	
damage to property	53 30	
Frederick R. Bunten, tuition	103 48	
Arthur W. Keating, tuition	27 00	
Michael O'Toole, books, borrowed	1 50	
		350 51
		$29,817 33

DEBIT.

(Expenditures.)

Cash, paid Gordon A. Southworth, salary as superintendent of schools	$3,000 00
disbursements	178 67
Cora S. Fitch, assistant	750 00
Mary A. Clark, assistant	600 00
Lemuel H. Snow, truant officer	1,100 00
board of horse	240 00
Jairus Mann, truant officer	50 00
American Book Co., books	1,212 53
Adams, Cushing, & Foster, supplies	3,475 62
Allen, Doane, & Co., supplies	20 20
John A. Avery, disbursements	42 45
J. Q. Adams & Co., books	7 50
Allyn & Bacon, books	158 10
American Library Co., books	12 00
Albe & Pratt, printing	127 80
Mary A. Atherton, books	75 00
D. Appleton & Co., books	18 23
Edward E. Babb & Co., books	1,258 36
C. C. Birchard & Co., books	40 25
Milton Bradley Co., supplies	132 71
Boston Bank Note Co., diplomas	190 19
Charles E. Brainard, supplies	2 50
Brown, Durrell Co., supplies	11 96
Baker School Specialty Co., supplies	6 75
Henry T. Bailey, address	25 00
William C. Bates, address	25 00
Bow-street Methodist Church, use of edifice	150 00
Bausch & Lomb, optical supplies	102 39
F. J. Barnard & Co., binding	1,821 52
Clark Mfg. Co., ink	78 90
Carter's Ink Co., ink	13 15
L. E. Clayton, supplies	1 38
N. H. Crowell, supplies	50 00
E. T. Curtis, supplies	30 01
Amount carried forward	$15,008 17

Amount brought forward	$15,008 17
Mary F. Carrick, supplies	3 10
Chandler & Barber, supplies	380 91
James H. Chase, services	15 00
T. H. Castor & Co., books	9 14
Cambridge Botanical Supply Co., supplies	11 76
P. P. Caproni & Bro., supplies	1 75
Harry L. Cutting, services	2 00
E. S. Daniels, piano tuning	26 00
E. M. Drury, supplies	18 10
Oliver Ditson Co., music books	39 86
Dennison Mfg. Co., supplies	4 62
DeWolfe, Fiske & Co., books	19 98
Dow Sales Co., supplies	2 14
Charles E. Davis, census	60 18
Educational Publishing Co., books	84 90
Emerson College Publishing Co., books,	7 45
Eimer & Amend, supplies	339 28
George W. Earle, disbursements	19 37
Eagle Pencil Co., supplies	30 47
Clara Z. Elliot, census	26 42
David Farquhar, book binding	404 64
Benjamin F. Freeman, supplies	2 50
Frost & Adams Co., supplies	7 80
G. R. Fisk & Co., ribbon	82 80
Ginn & Co., books	1,526 01
Herman Goldberger, books	8 35
Glines & Co., expressing	68 21
Gilman-square Fish Market, supplies	90
W. A. Greenough & Co., supplies	8 00
Annie M. Gilcrease, services	63 00
J. H. Gerlach Co., supplies	320 00
Gilman Express Co., expressing	75
D. C. Heath & Co., books	323 19
Hobbs & Warren Co., supplies	1 00
Houghton, Mifflin, & Co., books	196 73
J. L. Hammett Co., supplies	404 54
Harvard University, supplies	14 00
Houghton & Dutton, supplies	2 98
Holden Patent Book Cover Co., supplies,	41 20
J. W. Howard, supplies	2 25
Frederick W. Hamilton, address	50 00
S. Henry Hadley, orchestra	278 00
Jordan, Marsh Co., supplies	5 85
Kenney Bros. & Wolkins, supplies	879 89
L. E. Knott Apparatus Co., supplies	308 29
James Kenney, services	26 24
Kny-Scheerer Co., supplies	23 29
Andrew J. Lloyd Co., supplies	1 90
George A. LaBree, repairing	1 45
Howard Lowell & Son, carriage hire	19 00
Longmans, Green, & Co., books	2 77
LaBree & Bumpus, repairing	21 94
Mitchell Mfg. Co., supplies	7 14
Massachusetts Bible Society, books	7 95
Maynard, Merrill, & Co., books	38 62
Amount carried forward	$21,261 78

Amount brought forward	$21,261 78	
Middlesex County Truant School, board of truants	597 44	
Milton Bradley Co., supplies	62 69	
McKinley Publishing Co., supplies	14 74	
Bunkio Matsuki, supplies	1 95	
Wesley A. Maynard, printing	36 55	
Marine Biological Laboratory, supplies	11 65	
Charles E. Merrill & Co., books	23 64	
Neostyle Co., supplies	77 03	
New England Dressed Meat & Wool Co., supplies	60	
New England Telephone & Telegraph Co., services	182 32	
Norton Co., supplies	1 70	
W. E. Plumer & Co., supplies	715 63	
A. B. Palmer, disbursements	10 43	
G. P. Putnam's Sons, books	8 00	
Remington Typewriter Co., supplies	96 40	
Rand, McNally, & Co., maps	33 95	
Benjamin H. Sanborn & Co., books	755 00	
Silver, Burdett, & Co., books	1,384 86	
Smith-Premier Typewriter Co., supplies,	231 91	
Somerville Young Men's Christian Association, rent of hall	10 00	
Somerville Journal Co., printing	1,050 61	
Henry W. Stone, engrossing	116 90	
Sibley & Co., books	29 29	
R. A. Stevens, supplies	1 28	
Shattuck & Jones, supplies	2 65	
Suffolk Ink Co., supplies	11 00	
Oscar W. Short, services	18 00	
Schoenhof Book Co., books	120 91	
Charles Scribner's Sons, books	23 58	
St. Louis Biological Laboratory, supplies	10 40	
Josef Sandberg, supplies	6 80	
C. H. Stoelting & Co., supplies	19 25	
John M. Scott, census	22 00	
Charles R. Taylor, expressing	19 75	
Thompson, Brown, & Co., books	7 80	
Thorpe & Martin Co., supplies	12 46	
The Twinlock Co., supplies	12 75	
Underwood Typewriter Co., supplies	28 90	
Underwood & Underwood, supplies	625 41	
M. L. Vinal, supplies	322 31	
Wadsworth & Howland Co., supplies	624 71	
F. S. Webster Co., supplies	3 50	
Whitney & Snow, supplies	118 75	
A. J. Wilkinson & Co., supplies	10 23	
White & Wyckoff Mfg. Co., supplies	5 00	
John M. Woods & Co., lumber	762 28	
R. H. White Co., supplies	37 05	
C. A. Watrous, supplies	170 00	
Elisabeth S. Webster, census	52 14	
Ward's Natural Science Establishment, supplies	53 35	
		$29,817 33

School Teachers' Salaries.

CREDIT.

Appropriations, from Taxes, 1907		$265,000 00
City Treasurer account, amount transferred		500 00
Contingent Fund account, amount transferred		1,003 11
Commonwealth of Massachusetts, rent of armory		1,098 00
		$267,601 11

DEBIT.

(Expenditures.)

Cash, paid salaries as per pay rolls	$267,607 11	
(Cash)	6 00	
		$267,601 11

Sealer of Weights and Measures.

CREDIT.

Appropriations, from Taxes, 1907		$1,300 00
Excess and Deficiency account, balance transferred		22 25
		$1,322 25
Receipts:—		
Cash, received of John H. Dusseault, fees for weighing		442 90
		$1,765 15

DEBIT.

(Expenditures.)

Cash, paid John H. Dusseault, salary as sealer of weights and measures	$1,100 00	
disbursements	566 85	
Allen, Doane, & Co., stamps	1 95	
The Fairbanks Co., truck, etc.	6 25	
W. & L. E. Gurley, anvil and express	3 40	
W. A. Greenough & Co., directory	4 00	
William H. Gleason, slips	6 25	
John J. Hargraves, marking acid	7 00	
A. C. Libby & Sons, books	10 00	
Malden Specialty Co., acid	3 75	
Wesley A. Maynard, advertising	4 00	
New England Telephone & Telegraph Co., service	30 45	
Somerville Journal Co., advertising	7 00	
Thorpe's Express, expressing	50	
R. Woodman Mfg. & Supply Co., seals, etc.	10 70	
Whitney & Snow, hardware	3 05	
		$1,765 15

Sewer Assessments.

CREDIT.

Receipts:—		
Cash, received of sundry persons		$2,788 86
Balance to debit of account, 1908		2,376 59
		$5,165 45

DEBIT.

Balance from 1906	$3,958 46	
Sewers, Construction account, assessments levied	1,206 99	
		$5,165 45

Sewer Loan Interest.

CREDIT.

Water Works Income, amount appropriated		$9,137 50
Interest account, amount transferred		1,200 00
		$10,337 50

DEBIT.

Coupons maturing April 1, 1907:—			
$4,000, six months, 4½ per cent.		$90 00	
$1,000, six months, 3½ per cent.		17 50	
Coupons maturing July 1, 1907:—			
$156,000, six months, 4 per cent.		3,120 00	
$42,000, six months, 3½ per cent.		735 00	
Coupons maturing October 1, 1907:—			
$4,000, six months, 4½ per cent.		90 00	
Coupons maturing January 1, 1908:—			
$147,000, six months, 4 per cent.		2,940 00	
$40,000, six months, 3½ per cent.		700 00	
		$7,692 50	
Registered Bonds:—			
Interest due April 1, 1907	$512 50		
Interest due July 1, 1907	210 00		
Interest due October 1, 1907	1,712 50		
Interest due January 1, 1908	210 00		
		2,645 00	
			$10,337 50

Sewers, Construction.

CREDIT.

Balance from 1906		$3,454 11
Appropriations, from Funded Debt, 1907		60,000 00
Sewer Assessments account, assessments levied		1,206 99
		$64,661 10
Reduced by the following transfers:—		
Highways, Construction account	$3,500 00	
Reduction of Funded Debt account	30,000 00	
Public Buildings Construction, Addition to Hanscom School account	3,000 00	
		36,500 00
		$28,161 10
Balance to debit of account, 1907		369 01
		$28,530 11
Receipts:—		
Cash, received of Willis O. Mahoney, draining estate	$44 96	
Sumner Robinson, excavating	31 00	
Windsor Cement Co., bags	27 88	
John P. Squire & Co., sewer	93 47	
		197 31
Stock and labor billed other departments:—		
Highways, Maintenance account, cement	$20 43	
Highways, Construction account, freight	26 12	
Amounts carried forward	$46 55	$28,727 42

Amounts brought forward	$46 55	$28,727 42
Public Buildings Maintenance, City Buildings account, cement	16 50	
Sewers, Maintenance account, cement	75 00	
Sidewalks, Construction account, edgestones,	313 12	
		451 17
		$29,178 59

DEBIT.

(Expenditures.)

Cash, paid laborers	$3,059 59
Daniel A. Dorey, constructing sewer:—	
Kent and Harrison streets	312 02
Charles A. Kelley, constructing sewers:—	
Walnut road	281 48
Somerville avenue	2,032 17
Somerville avenue, Washington, Hawkins, and Lake streets	3,289 53
Park street	2,700 00
Bartholomew Burke, constructing sewers:—	
Everett, Ivaloo, and Harrison streets, and Bromfield road	182 93
Whitfield road	479 77
Marion street	226 00
Timothy F. Crimmings, constructing sewers:—	
Medford and Elm streets and Pearson road	204 37
Two Penny brook	3,700 00
Somerville avenue	650 00
Myrtle street	900 00
James H. Fannon, constructing sewers:—	
Washington street	166 49
Lowden avenue	1,250 00
Patrick Burke, constructing sewer:—	
City field	515 29
F. C. Ayer, lumber	540 80
Berry & Ferguson, cement	2,073 07
Charles E. Berry, bolts	31 00
Patrick Burke, materials, etc.	59 80
Bliss Bros., rope, etc.	8 04
Boston & Maine Railroad, freight	5 83
William H. Casey & Co., bricks	9 90
Edwin O. Childs, Registrar, recording documents	4 75
Timothy F. Crimmings, excavating and payment on account	858 62
P. F. Donnelly, barrels	8 40
Eastern Expanded Metal Co., metal	228 96
James H. Fannon, payment on account	170 00
Thomas Groom & Co., books	17 75
Herbert L. Henderson, beams	740 42
Harrington, Robinson, & Co., beams	20 00
George W. Manning, labor	13 50
New England Brick Co., bricks	355 86
A. M. Pride, lumber	6 12
Amount carried forward	$25,102 46

Amount brought forward	$25,102 46	
Somerville Iron Foundry, castings	914 52	
Simpson Bros. Corporation, repairing pavement	15 52	
James Tevlin, teaming	631 32	
Waldo Bros., drain pipe, etc.	2,400 39	
I. B. Walker, cutting iron	1 75	
Frederick B. Witherley, castings	98 63	
	$29,164 59	
Water Maintenance account, water pipe	14 00	
		$29,178 59

Sewers, Maintenance.

CREDIT.

Water Works Income, amount appropriated		$12,000 00
Excess and Deficiency account, balance transferred		81 39
		$12,081 39
Receipts:—		
Cash, received of Edison Electric Illuminating Co., changing grade of manholes	$3 25	
Boston Elevated Railway Co., changing grade	8 06	
New England Oil Co., use of pumps	6 00	
		17 31
Stock and labor billed other departments:—		
Water Maintenance account, labor	$115 04	
Highways, Construction account, labor	110 00	
		225 04
		$12,323 74

DEBIT.

(Expenditures.)

Cash, paid laborers	$6,950 75
Charles E. Berry, labor	2 60
J. H. Brooks, cheese cloth	1 20
Cornelius Callahan Co., repairing hose	4 00
E. W. Danforth, disbursements	41 50
P. F. Donnelly, bags and barrels	28 00
Davenport-Brown Co., lumber	1 00
Edson Mfg. Co., repairing hose	17 95
H. Fisher, oil suits	24 00
John Fisher & Co., pails	10 35
Thomas Groom & Co., books	16 50
Glines & Co., expressing	15
William S. Howe, repairing	88
Hemeon Bros., carpentering	17 88
A. R. Hyde, rubber boots	52 44
J. A. Kiley, sharpening	8 00
T. M. Kenney, repairing	7 50
William G. Martin, sharpening	60
Martin & Wood, keys, etc.	5 60
George W. Manning, changing flag-staff,	3 75
New England Oil Co., oil	18 50
Amount carried forward	$7,213 15

Amount brought forward	$7,213 15	
New England Telephone & Telegraph Co., service	36 92	
New England Brick Co., bricks	130 87	
Fulton O'Brion, salt	2 29	
W. E. Plumer & Co., barrows	4 00	
Perrin, Seamans Co., couplings	30 63	
Thomas F. Reardon, settlement of damages	100 00	
A. Silverman, repairing boots	2 50	
Somerville Iron Foundry, castings	154 48	
E. S. Sparrow & Co., lanterns, etc.	17 30	
James Tevlin, teaming	4,209 56	
Charles L. Underhill, hardware	2 00	
I. B. Walker, repairing	47 84	
Whitney & Snow, hardware	60 84	
Waldo Bros., pipe	12 17	
Frederick B. Witherley, castings	31 00	
Henry A. Wheeler Co., ensign	6 15	
	$ 12,061 70	
Highways, Maintenance account, labor, etc.,	187 04	
Sewers, Construction account, cement	75 00	
		$12,323 74

Sidewalk Assessments.

CREDIT.

Receipts:—	
Cash, received of sundry persons	$13,459 77
Public Grounds account, assessment	48 72
Balance to debit of account, 1908	6,948 77
	$20,457 26

DEBIT.

Balance from 1906	$5,563 82	
Sidewalks, Construction account, assessments levied	14,893 44	
		$20,457 26

Sidewalks, Construction.

CREDIT.

Appropriations, from Funded Debt, 1907	$12,000 00
Transferred from Highways, Construction account	2,000 00
Balance to debit of account, 1908	1,036 83
	$15,036 83
Sidewalk Assessments account, assessments levied	14,893 44
Receipts:—	
Cash, received of sundry persons, constructing sidewalks	180 95
	$30,111 22

DEBIT.

(Expenditures.)

Cash, paid laborers	$8,838 29	
William H. Casey & Co., bricks	4,086 82	
Dunn & McKay, sods	43 14	
Amount carried forward	$12,968 25	

Amount brought forward	$12,968 25	
J. H. Fannon, granolithic work	6,407 66	
Thomas Groom & Co., book	15 00	
S. & R. J. Lombard, edgestones	8,009 29	
F. F. McGann & Sons Co., compass	30 00	
Underhill Hardware Co., lamp black, etc.	14 25	
Waldo Bros., cement	2 00	
	$27,446 45	
Highways, Maintenance, city teams, etc.	2,323 15	
Highways, Paved Gutters and Crossings, paving blocks	6 00	
Public Grounds account, edgestones	22 50	
Sewers, Construction account, edgestones	313 12	
		$30,111 22

Sidewalks, Maintenance.

CREDIT.

Appropriations, from Taxes, 1907		$1,000 00
Transferred from Highways, Maintenance account		1,000 00
Excess and Deficiency account, balance transferred		47 71
		$2,047 71
Receipts:—		
Cash, received of Charles E. Prichard, bricks		62
Stock and labor billed other departments:—		
Highways, Maintenance account, bricks	$38 38	
Highways, Construction account, bricks	86 99	
		125 37
		$2,173 70

DEBIT.

(Expenditures.)

Cash, paid laborers	$1,434 25	
Thomas Allen, repairing sidewalk	6 00	
William H. Casey & Co., bricks	384 01	
James H. Fannon, repairing granolithic sidewalk	15 49	
Perrin, Seamans, & Co., rammers, etc.	14 30	
	$1,854 05	
Highways, Maintenance account, use of city teams and materials	319 65	
		$2,173 70

Soldiers' Burials.

DEBIT.

(Expenditures.)

Cash, paid John Bryant's Sons, burials	$105 00
John H. Dusseault, services as burial agent	12 00
W. A. Frink, burial	35 00
Horace D. Litchfield, burial	35 00
Francis M. Wilson, burials	175 00
	$362 00
Charged Commonwealth of Massachusetts, December 31, 1907	$362 00

Soldiers' Monument.

CREDIT.

Appropriations, from Funded Debt, 1907	$20,000 00
Balance of account unused, carried to 1908	19,950 00
	$50 00

DEBIT.

(Expenditures.)

Cash, paid C. Howard Walker, services as judge of designs	$50 00

Soldiers' Relief.

CREDIT.

Appropriations, from Taxes, 1907	$22,000 00
Excess and Deficiency account, balance transferred	181 69
	$22,181 69

DEBIT.

(Expenditures.)

Cash, paid sundry persons as per pay rolls	$22,214 18	
(Cash)	169 00	
		$22,045 18
John Bryant's Sons, burial		6 00
H. D. Clark, burial		94 54
Thomas Groom & Co., record book, etc.,		6 25
Overseers of the Poor, City of Boston, hospital service		11 43
Somerville Journal Co., printing		5 75
City of Woburn, merchandise		9 54
Webcowit Press, printing		3 00
		$22,181 69

Somerville Hospital.

CREDIT.

Appropriations, from Taxes, 1907	$5,000 00

DEBIT.

(Expenditures.)

Cash, paid for support of sick poor	$5,000 00

State Aid.

CREDIT.

Commonwealth of Massachusetts, state aid paid in 1907	$15,758 50

DEBIT.

(Expenditures.)

Cash, paid monthly pay rolls	$15,816 00	
(Cash)	57 50	
		$15,758 50

Street Lights.

CREDIT.

Appropriations, from Taxes, 1907	$64,000 00
Excess and Deficiency account, balance transferred	9,000 00
	$55,000 00

DEBIT.

(Expenditures.)

Cash, paid Edison Electric Illuminating Co., on account	$55,000 00

Sundry Persons.

CREDIT.

Balance from 1906	$524 21
Cash, sundry persons, money not called for	6 50
	$530 71

DEBIT.

Balance to credit of account, 1908	$530 71

Support of Poor, City Home.

CREDIT.

Appropriations, from Taxes, 1907		$2,500 00
Excess and Deficiency account, balance transferred		709 11
		$3,209 11
Receipts:—		
Cash, received of J. Foster Colquhoun, produce	$3,391 24	
Mary S. Lindsay, aid	8 00	
Ann Conn, aid	42 00	
John Kelley, aid	9 00	
Town of Arlington, aid	177 00	
Calvin Symmes, et al., aid	104 00	
		3,731 24
Billed other departments:—		
Health Department, Contagious Disease Hospital account, milk		60 88
		$7,001 23

DEBIT.

(Expenditures.)

Cash, paid J. Foster Colquhoun, salary as warden	$700 00
disbursements	56 56
Mrs. Catherine Colquhoun, matron	350 00
Farm help	1,154 44
House help	347 34
Ar-Showe & Co., groceries	51 50
D. J. Bennett, harness work	17 55
Joseph Breck & Sons Corporation, farm supplies	53 55
Brown, Durrell, & Co., clothing and dry goods	47 01
Amount carried forward	$2,777 95

Amount brought forward	$2,777 95
Beyer Bros. Commission Co., groceries	25 35
Boston & Maine Railroad Co., freight	17 43
H. A. Brownell, harness repairs	6 00
Andrew Blyth, groceries	4 07
Bowers & DeWick, clothing	1 75
Clark Bros. Co., groceries	36 92
C. F. Crocker, groceries	131 06
R. Crocker, groceries	11 26
R. Crocker & Son, groceries	7 87
C. W. Cahalan, plumbing	222 85
Chase & Sanborn, groceries	7 96
Henry N. Clark Co., range repairs	3 43
L. M. Dyer & Co., groceries	663 04
H. E. Fiske Co., seeds	3 65
F. H. Farmer, bees	9 00
Farley, Harvey, & Co., blankets	36 66
D. J. Green & Co., brooms, etc.	9 87
Walter Gordan & Co., pigs	40 00
C. D. Gallagher, groceries	4 78
M. J. Gallagher & Co., boxes	18 30
Thomas Groom & Co., stationery	1 85
George O. Gustin, flowers	3 70
Gilman Express Co., expressing	80
J. G. Gallishaw & Co., wagon repairs	28 25
The Hale & Mayhew Co., wagon repairs,	56 70
F. J. Hopkins, groceries	127 64
H. P. Hood & Sons, milk	69 60
N. J. Hardy, groceries	2 50
Highland Coal Co., lime and cement	11 55
Percy A. Hall, medicine	38 32
A. D. Hall & Son, refrigerator	17 70
I. N. Holman, sharpening mowers	5 50
A. H. Hews & Co., Incorporated, flower pots	1 65
Hovey & Co., seed	2 83
Jordan, Marsh Co., dry goods	104 17
Amos Keyes & Co., groceries	6 75
George W. Ladd, horseshoeing	43 60
Lord & Webster, hay and grain	143 75
C. W. Lerned & Co., disinfectant	5 00
William Leavens & Co., chair	80
Lowell Bros. & Bailey, boxes	4 17
William G. Martin, sharpening saws	55
Morandi-Proctor Co., roast pans	3 50
H. L. McReavy & Co., groceries	2 75
McGreenery & Manning, tobacco and pipes	26 95
Mitchell-Woodbury Co., kitchen ware	9 62
William J. McCarthy Co., labor	46 58
Martin & Wood, sharpening	60
National Biscuit Co., groceries	41 62
New England Mfg. Co., groceries	100 15
New England Telephone & Telegraph Co., service	56 51
Newcombe & Paine, groceries	73 05
Fulton O'Brion, grain	157 79
Park & Pollard Co., farm supplies	3 90
Amount carried forward	$5,239 60

Amount brought forward	$5,239 60	
W. E. Plumer & Co., hardware	26 44	
Priest, Page, & Co., scale	20 00	
Proctor Bros., hay and grain	154 81	
George G. Page Box Co., boxes	76 48	
Parry Brick Co., brick	8 00	
William H. Quigley, manure	52 06	
J. E. Richardson, veterinary services	17 00	
Reuben Ring & Co., medicine	25 70	
W. W. Rawson & Co., seeds, etc.	16 60	
John B. Rufer, blacksmithing	5 15	
J. W. Roberts & Co., groceries	444 99	
A. F. Russell & Co., groceries	2 80	
George C. Russell, rhubarb roots	8 75	
Parke Snow, dry goods	58 36	
John P. Squire & Co., shavings	11 05	
Schlegel, Fottler Co., seeds	60 45	
E. S. Sparrow & Co., hardware	6 06	
E. D. Sawyer Lumber Co., lumber	41 94	
Seaverns & Co., boxes	4 00	
Stumpp & Walter Co., seed	3 25	
George H. Thayer, boots and shoes	51 35	
Nathan Tufts & Sons, grain	73 46	
Underhill Hardware Co., hardware	15 10	
William J. Wiley, hardware	28 71	
W. E. Watson, straw mats	60 00	
M. F. Wilbur, grain	77 05	
John Wolf, Jr., & Co., groceries	4 10	
P. H. Wall & Co., groceries	1 00	
E. B. West, cow	50 00	
F. A. Weldon, groceries	19 83	
E. Zacharias, hair cutting	2 50	
	$6,666 59	
Health Department, Collection of Ashes and Offal account, swill	230 74	
Water Maintenance account, repairs	58 07	
Water Works Extension account (Water Service Assessment), pipe and labor	45 83	
		$7,001 23

Support of Poor, Miscellaneous.

CREDIT.

Appropriations, from Taxes, 1907		$14,000 00
Excess and Deficiency account, balance transferred		774 29
		$13,225 71
Receipts:—		
Commonwealth of Massachusetts, support of state paupers		1,220 20
Cash, received of sundry persons, aid	$129 27	
For support of paupers:—		
Town of Belmont	119 50	
City of Boston	1,092 67	
City of Gloucester	52 17	
City of Beverly	32 86	
Amounts carried forward	$1,426 47	$14,445 91

Amounts brought forward	$1,426 47	$14,445 91
Town of Harwich	3 00	
Town of Boylston	66 25	
Town of Brookline	18 14	
Town of West Boylston	14 29	
City of Malden	91 70	
City of Lawrence	82 86	
City of Chelsea	110 65	
Town of Middleboro	22 43	
City of Medford	53 18	
City of Marlboro	2 00	
City of Cambridge	573 72	
City of Newton	158 85	
City of Everett	5 25	
Town of Leominster	52 17	
City of Fall River	129 53	
City of Haverhill	86 77	
Town of Stoneham	71 25	
City of Springfield	133 61	
City of Salem	27 80	
Town of Weston	35 00	
Town of Winchester	12 86	
Town of Westminster	13 00	
City of Worcester	102 30	
City of Woburn	111 21	
City of Waltham	2 00	
		$3,406 29
		$17,852 20

DEBIT.

(Expenditures.)

Cash, paid Charles C. Folsom, salary as agent	$1,600 00
disbursements	137 66
C. Clarke Towle, city physician	1,200 00
Cora F. Lewis, secretary	700 00
Florence R. Kenneson, clerical services	39 33
Relief of paupers:—	
City of Boston	1,308 24
City of Chelsea	15 00
City of Cambridge	135 93
City of Fall River	21 50
City of Malden	47 14
City of Medford	1 60
City of Newton	2 86
City of Salem	37 00
City of Woburn	58 24
City of Worcester	1 55
Town of Attleboro	86 00
Town of Pepperell	135 74
Commonwealth of Massachusetts	988 22
Massachusetts Hospital for Epileptics	765 61
Massachusetts State Sanatorium	59 71
Foxborough State Hospital	241 44
Somerville Hospital	2,054 24
Massachusetts School for Feeble Minded,	1,949 35
Ellen Mahoney, cash allowance	28 00
Emeline K. Willis, board	52 17
Amount carried forward	$11,666 53

Amount brought forward	$11,666 53
Edward Hunnewell, board	52 17
E. C. Ingersoll, board	52 17
Sarah E. Magee, board	21 07
Ascenith Sawyer, board	260 70
Edith Nutt, board	104 30
Children's Mission, board	104 00
Maria L. Meserve, board	52 17
N. R. Barrows, groceries	171 00
W. P. Blanchard, groceries	140 00
James Bartley, groceries	86 00
Charles S. Butters, groceries	153 00
F. E. Cheney & Co., groceries	22 00
F. L. Card, groceries	15 00
A. F. Carpenter, groceries	127 46
A. B. Crothers, groceries	35 96
Edward Coliten & Son, groceries	293 00
James Davis, groceries	253 00
A. T. French, groceries	114 00
H. A. French, groceries	46 00
J. J. Guild, groceries	37 00
Charles F. Giles, groceries	507 50
F. A. E. Jewell, groceries	102 00
C. R. King, groceries	2 00
M. A. Kimball, groceries	125 00
M. D. Lewis, groceries	231 50
D. A. McKay, groceries	131 00
Medford-street Market, groceries	323 75
James H. Maguire Co., groceries	82 00
E. S. Merriam, groceries	2 00
North Packing & Provision Co., groceries	236 00
A. E. Robie, groceries	28 00
R. M. Sturtevant & Co., groceries	546 50
Charles H. Sands, groceries	466 50
David Whiting & Sons, groceries	12 66
John F. White, groceries	5 94
Herbert E. Bowman, medicine	50 87
J. H. Brooks, dry goods	1 50
John B. Burke, burial	10 00
Carter's Ink Co., ink	1 25
Charles W. Dailey, ambulance	12 40
W. J. Emerson, boots	5 75
Fenelon's Pharmacy, medicine	5 90
George C. Frye, medicine	1 85
Fresh Pond Ice Co., ice	1 00
W. A. Flaherty & Son, burial	15 00
Thomas Groom & Co., stationery	31 08
W. T. Gill, burial	15 00
F. W. Gilbert, boots and shoes	36 55
C. H. Goldthwaite & Co., medicine	94 34
W. A. Greenough & Co., directory	4 00
G. F. Harvey Co., medicine	22 56
David H. Hyde, boots and shoes	2 50
Mrs. R. Hyde, boots and shoes	2 50
Jordan, Marsh Co., dry goods	11 15
Joseph J. Kelley & Son, burials	25 00
Howard Lowell & Son, hack hire	9 00
Amount carried forward	$16,968 08

Amount brought forward	$16,968 08	
Library Bureau, cards	8 90	
Lincoln & Perry, printing	11 50	
E. S. Merriam, medicine	6 30	
Alfred E. Mann, burial	65 00	
New England Telephone & Telegraph Co., service	87 87	
Milton H. Plummer, medicine	14 90	
P. H. Rafferty, burial	40 00	
M. G. Staples, moving clothing	3 00	
Somerville Journal Co., printing	7 50	
Frank A. Teele, fuel	16 54	
F. H. Thomas, medicine	10 70	
Wellington-Wild Coal Co., fuel	607 11	
David Whiting & Sons, milk	4 80	
		$17,852 20

Suppression of Gypsy and Browntail Moths.

CREDIT.

Appropriations, from Taxes, 1907	$4,000 00
Taxes, assessments levied	1,499 59
Commonwealth of Massachusetts, 50% of amount expended in excess of $5,000	427 52
	$5,927 11
Receipts:—	
Cash, received of sundry persons	204 00
	$6,131 11
Excess and Deficiency account, balance transferred	71
	$6,131 82

DEBIT.

(Expenditures.)

Cash, paid laborers	$4,990 57	
Thomas Allen, cement	5 20	
Allen Bros., badges	7 00	
Boston Elevated Railway Co., car tickets,	20 00	
Charles I. Bucknam, railroad tickets	10 00	
T. A. Cunningham, brushes	8 45	
Frost Insecticide Co., supplies	120 63	
Fellows & Co., ladders, etc.	63 15	
Gilman Express Co., expressing	1 00	
Mabel E. Hall, clerical work	15 00	
Hale & Mayhew Co., repairs	2 55	
Florence R. Kenneson, clerical work	5 34	
Marcella F. Kendall, clerical work	20 00	
William G. Martin, repairing tools	13 10	
Merrimac Chemical Co., arsenate lead	120 00	
Martin & Wood, repairing tools	6 25	
New England Oil Co., oil	26 96	
W. E. Plumer & Co., hardware	140 75	
A. P. Rockwood, teaming	9 00	
Somerville Journal Co., printing and postage	133 05	
Somerville Post-office, postage	13 00	
Amount carried forward	$5,731 00	

Amount brought forward	$5,731 00	
P. Sutherland & Co., creosote oil	10 40	
Eva V. Tukey, clerical services	38 67	
Underhill Hardware Co., hardware	25 55	
	$5,805 62	
Highways, Maintenance account, use of city teams, etc.	326 20	
		$6,131 82

Taxes.

CREDIT.

Receipts:—		
Cash, received for taxes of 1902	$75 96	
" " " " 1903	240 04	
" " " " 1904	341 44	
" " " " 1905	1,726 82	
" " " " 1906	226,149 15	
" " " " 1907	848,922 70	
		$1,077,456 11
Overlay and Abatement:—		
Abatements on taxes of 1902	$214 64	
" " " " 1903	180 44	
" " " " 1904	598 12	
" " " " 1905	420 00	
" " " " 1906	2,525 62	
" " " " 1907	7,554 59	
		11,493 41
Balance to debit of account, 1908:—		
Being uncollected taxes of 1901	$164 18	
" " " " 1902	1,496 10	
" " " " 1903	2,788 42	
" " " " 1904	3,008 60	
" " " " 1905	3,966 40	
" " " " 1906	6,143 01	
" " " " 1907	291,259 65	
		308,826 36
		$1,397,775 88

DEBIT.

Balance from 1906	$250,038 94	
Tax Levy, as per assessors' warrant of August 10, 1907	1,144,434 92	
Supplementary warrants, amounts credited to Overlay and Abatement account	3,302 02	
		$1,397,775 88

Temporary Loans.

CREDIT.

Balance from 1906		$350,000 00
Cash, borrowed by authority of the Board of Aldermen on notes as follows:—		
City Note No. 618, ten months, 5 per cent.	$50,000 00	
City Note No. 619, nine months, 4.95 per cent.	75,000 00	
Amounts carried forward	$125,000 00	$350,000 00

Amounts brought forward	$125,000 00	$350,000 00
City Note No. 620, eleven months, discounted, 4.75 per cent.	20,000 00	
City Note No. 621, seven months, discounted, 5 per cent.	25,000 00	
City Note No. 622, nine months, discounted, 5 per cent.	30,000 00	
City Note No. 623, eight months, discounted, 5 per cent.	25,000 00	
City Note No. 625, six months, discounted, 5 per cent.	10,000 00	
City Note No. 626, six months, discounted, 5 per cent.	10,000 00	
City Note No. 627, six months, discounted, 5 per cent.	10,000 00	
City Note No. 628, six months, discounted, 5 per cent.	10,000 00	
City Note No. 629, six months, discounted, 5 per cent.	10,000 00	
City Note No. 630, six months, discounted, 5 per cent.	10,000 00	
City Note No. 631, six months, discounted, 5 per cent.	10,000 00	
City Note No. 632, six months, discounted, 5 per cent.	10,000 00	
City Note No. 633, six months, discounted, 5 per cent.	10,000 00	
City Note No. 634, six months, discounted, 5 per cent.	10,000 00	
City Note No. 635, seven months, discounted, 4 3-4 per cent. . . .	50,000 00	
City Note No. 636, 199 days, discounted, 4.52 per cent.	15,000 00	
City Note No. 637, 199 days, discounted, 4.52 per cent.	15,000 00	
City Note No. 638, 199 days, discounted, 4.52 per cent.	10,000 00	
City Note No. 639, 199 days, discounted, 4.52 per cent.	10,000 00	
City Note No. 640, 132 days, discounted, 5.10 per cent.	10,000 00	
City Note No. 641, 132 days, discounted, 5.10 per cent.	5,000 00	
City Note No. 642, 132 days, discounted, 5.10 per cent.	5,000 00	
City Note No. 643, 132 days, discounted, 5.10 per cent.	5,000 00	
City Note No. 644, 28 days, 5 per cent.	50,000 00	
City Note No. 645, 133 days, discounted, 5.34 per cent.	25,000 00	
City Note No. 646, one year, 5.30 per cent., discounted	15,000 00	
City Note No. 647, 186 days, discounted, 5.74 per cent.	50,000 00	
City Note No. 648, seven months, discounted, 5 1-2 per cent. . . .	30,000 00	
City Note No. 649, seven months, discounted, 5 1-2 per cent. . . .	20,000 00	
Amounts carried forward	$640,000 00	$350,000 00

Amounts brought forward	$640,000 00	$350,000 00
City Note No. 650, 121 days, discounted, 6 1-4 per cent. . . .	25,000 00	
City Note No. 651, 121 days, discounted, 6 1-4 per cent.	15,000 00	
City Note No. 652, 121 days, discounted, 6 1-4 per cent.	10,000 00	
City Note No. 653, 121 days, discounted, 6 1-4 per cent.	25,000 00	
City Note No. 654, five months, discounted, 6 per cent.	50,000 00	
City Note No. 658, three months, discounted, 6 per cent.	25,000 00	
City Note No. 659, four months, discounted, 6 per cent.	10,000 00	
City Note No. 660, on demand, 6 per cent.	25,000 00	
City Note No. 661, on demand, 6 per cent.	30,000 00	
City Note No. 662, on demand, 6 per cent.	20,000 00	
City Note No. 663, on demand, 6 per cent.	30,000 00	
		$905,000 00
		$1,255,000 00

DEBIT.

(Expenditures.)

Cash, paid as follows:—	
City Note No. 616, ...	$50,000 00
City Note No. 613, ...	75,000 00
City Note No. 614	50,000 00
City Note No. 615	25,000 00
City Note Nos. 608-611	100,000 00
City Note No. 612	50,000 00
City Note No. 644	50,000 00
City Note No. 621	25,000 00
City Note No. 634	10,000 00
City Note No. 625	10,000 00
City Note No. 626	10,000 00
City Note No. 627	10,000 00
City Note No. 628	10,000 00
City Note No. 629	10,000 00
City Note No. 630	10,000 00
City Note No. 631	10,000 00
City Note No. 632	10,000 00
City Note No. 633	10,000 00
City Note No. 640	10,000 00
City Note No. 641	5,000 00
City Note No. 642	5,000 00
City Note No. 643	5,000 00
City Note No. 618	50,000 00
City Note No. 619	75,000 00
City Note No. 620	20,000 00
City Note No. 623	25,000 00
City Note No. 635	50,000 00
City Note No. 645	25,000 00
City Note No. 622	30,000 00
Amount carried forward	$825,000 00

Amount brought forward		$825,000 00	
City Note No. 636		15,000 00	
City Note No. 637		15,000 00	
City Note No. 638		10,000 00	
City Note No. 639		10,000 00	
		875,000 00	
Balance to credit of account, 1908		380,000 00	
			$1,255,000 00

Water Loan Interest.

CREDIT.

Water Works Income, amount appropriated			$3,200 00

DEBIT.

Coupons maturing April 1, 1907:—			
$31,000, six months, 4 per cent		$620 00	
Coupons maturing July 1, 1907:—			
$24,000, six months, 4 per cent		480 00	
Coupons maturing October 1, 1907:—			
$31,000, six months, 4 per cent		620 00	
Coupons maturing January 1, 1908:—			
$12,000, six months, 4 per cent		240 00	
		$1,960 00	
Registered Bonds:—			
Interest due April 1, 1907	$620 00		
Interest due October 1, 1907	620 00		
		1,240 00	
			$3,200 00

Water Maintenance.

CREDIT.

Water Works Income, amount appropriated			$25,000 00
Water Works Extension account, balance transferred			5,721 75
			$30,721 75
Receipts:—			
Cash, received of sundry persons, costs		$50 00	
Sundry persons, pipe, fittings, etc.		5,157 58	
			5,207 58
Stock and labor billed other departments:—			
Highways, Maintenance account, couplings		$2 09	
Public Buildings Construction, Incinerator account, repairing leak, etc.		5 99	
Public Grounds account, labor		62 74	
Support of Poor, City Home account, repairs		58 07	
Public Buildings Maintenance, City Buildings account, shut-off		2 65	
Public Buildings Maintenance, Schoolhouses, shut-off		2 68	
Water Works Extension account, stock		12,812 05	
Highways, Watering Streets account, maintaining post		186 07	
Sewers, Construction account, water pipe		14 00	13,146 34
			$49,075 67

DEBIT.

(Expenditures.)

Cash, paid laborers		$17,571 77
Frank E. Merrill, salary as water commissioner		2,300 00
disbursements		41 92
Charles E. Childs, inspector		936 00
disbursements		2 50
Lillian E. Leavitt, assistant		900 00
Laura E. Peavey, assistant		700 00
Marcella F. Kendall, clerical services		120 00
Marion L. Morrison, clerical services		80 00
Eva V. Tukey, clerical services		40 00
Philip Allen, stamps		429 00
American Express Co., expressing		14 24
J. M. Andrews & Son, stock and labor,		39 52
Charles Booth, wood		42 00
Boston & Maine Railroad Co., freight,		647 07
D. J. Bennett, harness repairs		231 15
Boston Elevated Railw'y Co., car tickets,		35 00
F. S. Blanchard & Co., year book		2 00
Braman, Dow, & Co., pipe, etc.		872 61
Harold L. Bond Co., tools		48 96
Boston Woven Hose & Rubber Co., hose		6 37
Gorham W. Burnham, claim		7 25
W. B. Brown & Co., repairs		10 50
Boston Decorative Plant Co., decorations		2 50
Boston & Albany Railroad Co., labor,		1 76
Barber Asphalt Paving Co., renewing pavement		3 26
Chapman Valve Mfg. Co., valves		114 51
Chandler & Farquhar Co., tools		10 88
Chadwick, Boston Lead Co., pipe		670 73
Coffin Valve Co., valves		122 50
Hannah W. Crowley, claim		5 00
Nathan Condon, claim		88 40
City of Cambridge, pipe		39 02
George W. Clark, claim		136 55
Isaac Coffin Co., packing		2 60
J. A. Durell, labor		1 20
Julian D'Este Co., castings		164 29
G. M. Davis & Son, mason work		130 95
Harry F. R. Dolan, claim		100 00
Davis & Farnum Mfg. Co., water posts,		75 52
Davenport-Brown Co., lumber		1 00
Eastern Salt Co., salt		6 80
Electric Goods Mfg. Co., wiring, etc.,		16 28
Edson Mfg. Co., tools		22 54
The Elliott Co., stencil supplies		14 40
Eastern Auto Exchange, tire		10 00
Fred W. Farrar, repairing clock		5 00
William E. Foss, professional services,		25 00
The Fairbanks Co., discs		38 02
William H. Field, machinery		30 70
Fresh Pond Ice Co., ice		89 40
Fisk Rubber Co., vulcanizing		2 50
Amount carried forward		$27,009 17

Amount brought forward	$27,009 17
Fire & Water Engineering Co., subscription	3 00
O. T. Gould, repairing clock	5 00
Glines & Co., expressing	45
Globe Gas Light Co., gasolene	20 30
Gilman Express Co., expressing	7 55
F. W. Gilbert, boots	18 00
W. A. Greenough & Co., directory	4 00
Thomas Groom & Co., office supplies	130 00
Leona Goron, claim	15 00
George E. Grover, claim	75 00
Garlock Packing Co., packing	94
Hersey Mfg. Co., meters	110 45
Hill, Clarke, & Co., tool	18 00
Hale & Mayhew Co., repairing wagon,	7 80
William S. Howe, cups	1 58
Charles R. Hildred, expressing	3 80
Henry C. Hunt Co., leather	1 00
Fred M. Hutchinson, expenses	10 90
Hill & Holt, tire, etc.	24 92
Jim Hodder & Bros., decorations	1 70
Ideal Supply Co., pipe	64
Jordan Marsh Co., decorations	8 55
Cyril J. Larivee, lumber	50 65
Library Bureau, cabinet and cards	93 06
George W. Ladd, horseshoeing, etc.,	69 30
Elias Lathrop, hoof ointment	4 00
Edwin Leavitt, services	21 00
Lord & Webster, hay and straw	391 62
Lead Lined Iron Pipe Co., pipe	1,113 90
T. E. Littlefield, lumber	19 85
Ludlow Valve Co., valves	75 60
Mead, Morrison Mfg. Co., tank	50 00
Walter Macleod & Co., burner	19 60
William G. Martin, sharpening tools	1 20
Duncan McDonald, claim	100 00
Thomas McNeill, expenses	7 82
A. E. Morrison Co., fittings	83 40
H. Mueller Mfg. Co., fittings	352 55
Martin & Wood, sharpening tools	1 70
New England Telephone & Telegraph Co., service	223 97
Neptune Meter Co., meters	450 00
New England Oil Co., oil	57 52
National Mfg. Co., moisteners	1 00
National Meter Co., meter parts	41 02
New England Towel Supply Co., use of towels	3 60
Edward O'Brien, horseshoeing	100 13
Fulton O'Brion, oats	131 69
Outlook Envelope Co., envelopes	33 41
Proctor Bros., hay and oats	267 68
William E. Plumer & Co., hardware,	56 93
George G. Page Box Co., boxes	35 00
W. E. Plummer, claim	3 50
C. H. Paine, powders	5 00
Perrins, Seamans Co., lanterns	23 00
James H. Roberts & Co., shaft and pulley	7 99
Amount carried forward	$31,374 44

Amount brought forward	$31,374 44	
Russell & Co., lemons	7 16	
J. E. Richardson, veterinary services	5 00	
Rensselaer Mfg. Co., valves	428 61	
A. G. Renner, expressing	4 50	
Richards & Co., lead	534 33	
Richardson & Clement, tools	33 99	
John B. Rufer, horseshoeing	24 00	
Somerville Journal Co., printing	322 35	
Smith-Premier Typewriter Co., repairs,	1 10	
Somerville Iron Foundry, castings	457 42	
E. S. Sparrow & Co., hardware	38 05	
Standard Brazing Co., labor	5 50	
Simpson Bros. Corporation, paving	520 80	
Thomson Meter Co., meters	3,278 94	
Nathan Tufts & Sons, oats	156 00	
John A. Taylor, carriage	100 00	
L. H. Truesdell & Co., cards	2 00	
Thorpe's Express, expressing	1 50	
Charles L. Underhill, repairing tools,	268 00	
Underhill Hardware Co., hardware	117 67	
Union Water Meter Co., meters	1,704 66	
W. H. Vinton, washers	5 00	
Winter-hill Ice Co., ice	65 94	
Samuel Ward Co., office supplies	31 33	
Walworth Mfg. Co., fittings	69 36	
Henry R. Worthington, meters	1,433 46	
A. J. Wilkinson & Co., tools, etc.	201 14	
Frank B. Witherley, tools	11 72	
R. D. Wood & Co., pipe, etc.	7,242 81	
R. Woodman Mfg. & Supply Co., wire, etc.	10 50	
William J. Wiley, paint	90	
Waldo Bros., pipe, etc.	156 66	
Frederick B. Witherley, castings	83 78	
Yawman, Erbe Mfg. Co., cards	2 25	
	$48,700 87	
Sewers, Maintenance account, labor and stock	115 04	
Highways, Maintenance account, labor and materials	252 76	
Highways, Paved Gutters and Crossings account, blocks	7 00	
		$49,075 67

Water Service Assessments.

CREDIT.

Receipts:—	
Cash, received of sundry persons, cost of services laid	$3,144 78
Support of Poor, City Home account, assessment	45 83
Public Buildings Construction, Incinerator account, assessment	64 27
	$3,254 88
Transferred to Water Works Extension account	3,254 88

Water Works, Abatements on Water Charges.

DEBIT.

(Expenditures.)

Cash, paid sundry persons, money refunded		$552 46
Metered Water Charges, abatements		343 96
		$896 42
Transferred to debit of Water Works Income account		896 42

Water Works Extension.

CREDIT.

Water Works Income account, amount appropriated		$20,000 00
Water Service Assessments account, amount transferred,		3,254 88
		$23,254 88
Amounts transferred and unused:—		
Water Maintenance account, amount transferred	$5,721 75	
Water Works Income account, balance transferred	494 13	
		6,215 88
		$17,039 00
Receipts:—		
Highways, Watering Streets account, water posts		337 84
		$17,376 84

DEBIT.

(Expenditures.)

Cash, paid laborers	$2,968 34	
Bartholomew Burke, contract labor	455 55	
Timothy F. Crimmings, contract labor,	219 87	
Daniel A. Dorey, contract labor	845 91	
Richard Falvey, contract labor	75 12	
	$4,564 79	
Water Maintenance account, stock	12,812 05	
		$17,376 84

Water Works Income.

CREDIT.

Metered Water Charges, last quarter 1907 uncollected,		$24,174 76
Receipts:—		
Cash, received of sundry water takers	$202,725 19	
Less amount credited in 1908	1 90	
	$202,723 29	
Less abatements	896 42	
		201,826 87
Total income, sales of water		$226,001 63
Water Works Extension account, balance transferred		494 13
		$226,495 76

DEBIT.

Water Maintenance account, amount appropriated	$25,000 00	
Fire Department, amount appropriated	30,000 00	
Reduction of Funded Debt, Water Loan Bonds, amount appropriated	7,000 00	
Water Loan Interest, amount appropriated,	3,200 00	
Sewer Loan Interest, amount appropriated,	9,137 50	
Water Works Extension account, amount appropriated	20,000 00	
Sewers Maintenance account, amount appropriated	12,000 00	
Commonwealth of Massachusetts, Metropolitan Water Assessment	106,334 61	
Reduction of Funded Debt account, balance transferred	13,823 65	
		$226,495 76

Table D.—Balances December 31, 1907.

Cash	$92,109 26
Assessors	463 49
City Cerk	127 32
City Messenger	73 55
Clerk of Committees and Departments	301 85
Election Expenses, Pay of Election Officers,	98 00
Electrical Department	686 32
Fire Department	409 58
Grade Crossings	169 80
Health:—	
Health Department	78 69
Collection of Ashes and Offal	8,042 75
Medical Inspection in Public Schools	5 82
Highway Betterment Assessments	1,363 81
Highways:—	
Construction	1,922 51
Maintenance	618 83
Watering Streets	418 04
Metered Water Charges	24,174 76
Police	475 91
Public Buildings Construction:—	
Heating Plant in Charles G. Pope School	948 69
Incinerator	622 02
Public Buildings Maintenance:—	
City Buildings	278 99
Fire Department	209 08
Janitors' Salaries	414 60
Schoolhouses	3,811 47
Public Grounds	23 44
Public Library, Isaac Pitman Fund, Investment Account	5,314 58
Real Estate Liens	1,959 20
School Contingent	2,335 32
Sealer of Weights and Measures	22 25
Sewer Assessments	2,376 59
Sewers, Construction	369 01
Sewers, Maintenance	81 39
Amount carried forward	$150,306 92

Amount brought forward	$150,306 92	
Sidewalk Assessments	6,948 77	
Sidewalks, Construction	1,036 83	
Sidewalks, Maintenance	47 71	
Soldiers' Relief	181 69	
State of Massachusetts	20,281 13	
Support of Poor, City Home	709 11	
Suppression of Gypsy and Brown-tail Moths,	71	
Taxes	308,826 36	
City Auditor		$20 58
City Engineer		1 12
City Solicitor		8 41
City Treasurer		501 36
Contingent Fund		247 17
Coupons		19,927 50
Election Expenses:—		
City Clerk		109 37
Commissioner of Public Buildings		13 90
Registrars of Voters		3 70
Electrical Department, Underground Construction		1,292 17
Executive Department		89 98
Fire Department, Additional Apparatus		84 55
Health Department, Contagious Disease Hospital		1,935 00
Highways:—		
Paved Gutters and Crossings		573 71
Shade Trees		13 19
Inspection of Buildings		52 12
Interest		684 30
Military Aid		171 50
Overlay and Abatement		4,505 81
Overplus on Tax Sales		118 13
Printing and Stationery		129 78
Public Buildings Construction:—		
Addition to Benjamin G. Brown School		8,333 88
Addition to Sanford Hanscom School		5,510 47
Bath House		3,000 00
Luther V. Bell School Fire Escapes		31 62
Vault, City Hall		432 19
Public Library		06
Public Library, Isaac Pitman Fund, Art		4,251 66
Public Library, Isaac Pitman Fund, Poetry		1,062 92
Public Library, Isaac Pitman Fund, Income, Art		89 51
Public Library, Isaac Pitman Fund, Income, Poetry		64 92
Reduction of Funded Debt		24,823 65
Soldiers' Monument		19,950 00
Street Lights		9,000 00
Sundry Persons		530 71
Support of Poor, Miscellaneous		774 29
Temporary Loans		380,000 00
	$488,339 23	$488,339 23

APPROVAL OF TREASURER'S REPORT.

In Committee on Finance, February 26, 1908.

To the Board of Aldermen of the City of Somerville.

Gentlemen:—The committee on finance presents the report of Edwin L. Pride, expert accountant, as its report as an audit of the books and accounts of the City Treasurer, and recommends that the report of the treasurer be printed in the annual reports of 1907.

Respectfully submitted,

LEONARD W. COLE,
CHARLES A. BURNS,
DAVID BERGLIND,
EDWARD H. KINGMAN,
GEORGE A. LORD,
GEORGE W. HARVEY,
CHARLES W. ELDRIDGE,
Committee on Finance.

In Board of Aldermen, February 27, 1908. Accepted.

FREDERIC W. COOK, Clerk.

BENJAMIN G. BROWN SCHOOL.

REPORT OF THE SCHOOL COMMITTEE.

School Committee Rooms, January 3, 1908.

Ordered, that the annual report of the Superintendent be adopted as the annual report of the Board of School Committee, it being understood that such adoption does not commit the Board to the opinions or recommendations made therein; that it be incorporated in the reports of the City Officers; and that 1,000 copies be printed separately.

G. A. SOUTHWORTH,
Secretary of School Board.

SCHOOL COMMITTEE, 1907.

FREDERICK A. P. FISKE, ... Chairman
J. WALTER SANBORN, ... Vice-Chairman

Members.

		Term expires January.
EX-OFFICIIS.		
CHARLES A. GRIMMONS, Mayor,	72 Thurston street.	1908
LEONARD W. COLE, Pres. Board of Aldermen,	5 Homer Square.	1908
WARD ONE.		
DR. HENRY F. CURTIS,	145 Perkins street.	1908
ELMER H. SPAULDING,	44 Tufts street.	1909
WARD TWO.		
DANIEL H. BRADLEY,	19 Concord avenue.	1908
THOMAS M. CLANCY,	52 Springfield street.	1909
WARD THREE.		
GEORGE E. WHITAKER,	75 Walnut street.	1908
WILBUR S. CLARKE,	40 Vinal avenue.	1909
WARD FOUR.		
CHARLES A. KIRKPATRICK, JR.,	27 Sewall street.	1908
GEORGE W. FOSTER,	7 Evergreen avenue.	1909
WARD FIVE.		
HENRY H. FOLSOM,	103 Central street.	1908
J. WALTER SANBORN,	183 Central street.	1909
WARD SIX.		
FREDERICK A. P. FISKE,	44 Cherry street.	1908
LEON M. CONWELL,	1 Harvard place.	1909
WARD SEVEN.		
DR. GEORGE C. MAHONEY,	97 College avenue.	1908
MRS. HENRIETTA B. H. ATTWOOD,	12 Park avenue.	1909

Superintendent of Schools.

GORDON A. SOUTHWORTH.

Office: City Hall Annex, Highland avenue.
Residence: 40 Greenville street.
The Superintendent's office will be open on school days from 8 to 5; Saturdays, 8 to 10. His office hours are from 4 to 5 on school days, and 8 to 9 on Saturdays.
Office telephone, 314; house telephone, 12.
Cora S. Fitch, Superintendent's clerk, 15 Pleasant avenue.
Mary A. Clark, clerk, 42 Highland avenue.

STANDING COMMITTEES, 1907.

High Schools.—Sanborn, Mahoney, Curtis, Clancy, Clarke, Foster, Conwell.

District I.—Curtis, Spaulding, Foster.

PRESCOTT, HANSCOM, DAVIS, BENNETT.

District II.—Bradley, Clancy, Clarke.

KNAPP, PERRY, BAXTER.

District III.—Whitaker, Clarke, Curtis.

POPE, BELL, CUMMINGS.

District IV.—Kirkpatrick, Foster, Cole.

EDGERLY, GLINES.

District V.—Folsom, Sanborn, Kirkpatrick.

FORSTER, BINGHAM.

District VI.—Fiske, Conwell, Folsom.

CARR, MORSE, PROCTOR, DURELL, BURNS, BROWN.

District VII.—Mahoney, Mrs. Attwood, Conwell.

HIGHLAND, HODGKINS, LINCOLN, LOWE.

Additional School Accommodations.—Mahoney, Sanborn, Curtis, Clancy, Clarke, Kirkpatrick, Conwell, Grimmons, Cole.

Evening Schools.—Folsom, Whitaker, Fiske.

Finance.—Kirkpatrick, Spaulding, Conwell, Grimmons, Cole.

Industrial Education.—Foster, Clarke, Mrs. Attwood.

Medical Inspection.—Curtis, Clancy, Mahoney.

Music.—Mrs. Attwood, Curtis, Bradley.

Private Schools.—Clancy, Spaulding, Kirkpatrick.

Repairs of School Buildings.—Spaulding, Foster, Folsom.

Rules and Regulations.—Bradley, Folsom, Fiske.

Salaries.—Fiske, Whitaker, Sanborn.

Supplies.—Clarke, Bradley, Sanborn.

Text-Books and Courses of Study.—Whitaker, Spaulding, Bradley, Kirkpatrick, Folsom, Fiske, Mrs. Attwood.

Vacation Schools.—Conwell, Foster, Mahoney.

Note.—The member first named is chairman.

REPORT OF THE SUPERINTENDENT OF SCHOOLS.

To the School Committee of Somerville:—

The thirty-sixth annual report of the Superintendent of Schools, the fifteenth prepared by the present incumbent, is respectfully submitted. Assuming that the usual custom will be followed and this report be made the report of the School Committee which the law requires them to make to their fellow-citizens, some matters are presented that would be omitted and others more fully treated than would be the case if the School Board alone were interested. The order of the last few years has been maintained, the first thing presented being a

Summary of Statistics.

Population, United States census, 1890	40,117
Population, State census, 1895	52,200
Population, United States census, 1900	61,643
Population, State census, 1905	69,272
Children between five and fifteen years of age, October, 1906, by school census	12,068
Children between five and fifteen years of age, October, 1907, by school census	12,298
Increase	230

2.—SCHOOL BUILDINGS.

	1906.	1907.	Increase.
Number of school buildings	26	26	0
Number of classrooms	279	279	0
Valuation of school property		$1,425,009	

3.—TEACHERS.

	1906.	1907.	Increase.
In high schools	54	57	3
In grammar schools	158	161	3
In primary schools	99	99	0
In kindergartens	8	8	0
Total in elementary schools	265	268	3
Cadet teachers	0	3	3
Special	7	9	2
Total	326	337	11

4.—ATTENDANCE FOR YEAR.

	1906.	1907.	Increase.
Entire enrollment for the year	14,551	14,802	251
Average number belonging	11,762	11,909	147
Average number attending	11,070	11,166	96
Per cent. of daily attendance	94.1	93.8	—0.3
High school graduates	208	223	15
Grammar school graduates	640	725	85

5.—ATTENDANCE IN DECEMBER.

	1906.	1907.	Increase.
Whole number attending	14,096	14,223	127
In private schools	1,748	1,735	—13
In public schools	12,348	12,488	140
In high schools	1,480	1,584	104
In elementary schools	10,664	10,710	46
In kindergarten	204	194	—10
In first grade	1,526	1,532	6
In second grade	1,473	1,384	—89
In third grade	1,352	1,375	23
In fourth grade	1,292	1,337	45
In fifth grade	1,240	1,239	—1
In sixth grade	1,109	1,201	92
In seventh grade	1,003	1,022	19
In eighth grade	872	831	—41
In ninth grade	797	789	—8

6.—COST OF SCHOOL MAINTENANCE.

	1906.	1907.	Increase.
Salaries of teachers	$260,796.46	$267,607.11	$6,810.65
Salaries of officers	5,400.00	5,500.00	100.00
Cost of books and supplies	22,589.08	24,317.33	1,728.25
Cost of light	2,874.75	3,760.08	885.33
Cost of janitors' services	23,143.32	23,999.00	855.68
Cost of fuel	14,161.92	15,235.48	1,073.56
Telephones	380.24	433.07	52.83
Total cost of day and evening schools	329,345.77	340,852.07	11,506.30
Per capita cost	28.00	28.62	0.62
Cost of high school instruction	59,729.50	64,731.50	5,002.00
Per capita cost	43.82	44.07	0.25

7.—MISCELLANEOUS.

	1906.	1907.	Increase.
Paid for new school buildings	$38,457.32	$31,804.34	—$6,652.98
Repairs and permanent improvements	11,950.85	18,007.85	6,057.00
Total school expenditures	379,753.94	390,664.26	10,910.32
Valuation of city	60,371,500.00	61,527,750.00	1,156,250.00
Number of dollars spent to maintain schools out of every $1,000 of valuation	5.46	5.54	0.08
Number of dollars spent for all school purposes out of every $1,000 of valuation	6.29	6.35	0.06

Length of the School Year. Theoretically all our schools are in session for forty weeks, or 200 days, one two-hundredth of a teacher's pay being deducted for a lost day. This year our schools have been in session thirty-five and three-tenths weeks. The average length of our school year for the last decade is

thirty-six weeks, three days. The work of 1907 has been interrupted by five and one-half holidays, twelve sessions lost through excessive cold, extreme heat, or severe storms, four and one-half days by the extension of vacations here and there, and one day by a teachers' convention. If we reduce this loss still further by six per cent. of absences by pupils, we find that more than one-sixth of the forty-week year has been subtracted, that is, we realize dividends on only eighty-three per cent. of our stock. This is a serious loss, and of course reduces the efficiency of the schools by so much. The summer vacation is constantly encroaching on the September end of the year. The vacationists, however, constitute only a small minority of school attendants. A week would be gained by beginning the school year on the Wednesday following Labor Day. Three days and often four would be added to the school year by changing the Rules so that those weeks should be vacation weeks in which Christmas, Washington's Birthday, and Patriots' Day occur. No more reason exists for making New Year's Day a school holiday than for making it a legal holiday. Moreover, more than a day is really lost by a holiday that comes in term time. It affects the work of the day before and of the following day.

It is a question whether the application of the no-school signal may not be limited in general to the four lower grades of pupils. Most grammar and high school students can reach school without suffering save in a very exceptional storm. There is much in habit when it comes to facing ordinary weather conditions. If the changes in the Rules suggested should be made, the schools would actually be in session thirty-eight and one-half weeks in 1908 and 1909, as against the yearly average of thirty-six and one-half weeks, a gain of two weeks of school work each year. The chief objection to the plan is connected with the restriction of the application of the no-school signal. Nevertheless, as a longer year with fewer interruptions is desirable, I recommend the plan to your consideration.

School Population. It is impossible to make an errorless registration of all children in the city between five and fifteen years of age. A special effort, however, has been made this year to do this, the enumerators sparing no pains in their work. The result is as follows:—

	1907.	1906.	Change.
Ward 1	2,008	1,974	+34
" 2	2,607	2,569	+38
" 3	1,095	1,148	—53
" 4	1,001	986	+15
" 5	1,910	1,908	+2
" 6	2,054	1,979	+75
" 7	1,623	1,504	+119
Total	12,298	12,068	+230

The census shows 12,298 children between five and fifteen years of age in the city, a gain of 230 since last year, one-half of which has been made in Ward Seven. At the same time, the registration in public and private schools was 12,615, a gain of 336 as compared with last year. The school registration is correct and reliable.

In October there were 313 children five or six years of age who were not attending school, kept at home by the choice of parents. Thirty children of the compulsory school age, between seven and fourteen, were permanently at home on account of ill-health. One hundred and three children fourteen years of age, that is, just above the compulsory requirement, were found to be at work. These children should be in school, but are set at work by parents, under stress of poverty in most cases.

On December 15 there were 12,488 children in the public schools and 1,735 in private schools, a total of 14,223.

Based on the number of children in the city as compared with the number in 1905, the present population of Somerville appears to be very nearly 72,000, one-fifth of whom are at the present time members of public or private schools.

School Attendance. The attendance at the public schools during the year is as follows:—

Whole number enrolled in 1907, 14,802. Of these there have attended only a part of the year, 2,893.

Entered Grade I. in September, 1,210. Graduated, 948.

Dropped out during the year to go to work, 321.

The remainder, 414, are transient pupils who have been in the schools only a part of the year, entering from other cities or towns, or removing from the city during the year.

The average membership of the schools has been 11,909, an increase of 147 for the year.

Six and one-fifth per cent. of these have been absent from the schools all the time, chiefly on account of sickness and the enforcement of quarantine rules, leaving an average daily attendance of 11,166, an increase of ninety-seven.

While the general effect of medical inspection in the schools will be to increase regularity of attendance, during this first year it is probable that the strict enforcement of the rules has increased absence. We look for improvement in this direction during the coming year.

There have been 4,162 cases of tardiness and 2,541 instances of dismissal in 1907. This sounds like a large number, but when we reflect that it means that every child has come late to school once out of 907 chances, or once in two and one-half years, or that he leaves his work before he ought to once in 1,486 times, or once in four years, the numbers take on new proportions.

Teachers are anxious, sometimes unwisely anxious, to secure punctuality and regularity of attendance, not only on ac-

count of the loss of time involved, but because they have to do with certain important elements of character. Parents often mistake their motives, and sometimes fail to co-operate as they might.

There have been 314 cases of the use of the rod during the year. This means that every twentieth schoolboy in Somerville has been punished once in 1907. There are some of our citizens who have suffered from juvenile depredations of one sort or another, who feel that an occasional chastisement of some of the remaining nineteen would not be wholly a miscarriage of justice. There is a constant effort on the part of teachers to govern by moral power alone. The number that succeed is growing larger year by year, but while human nature continues perverse and parental control constantly grows weaker, there must of necessity be an occasional resort to force, the sentimentalists to the contrary notwithstanding. With hardly an exception, punishment is calmly and judicially administered. Hardly any complaints have been received during the year of undue harshness on the part of teachers, but repeated instances of parental abuse of children have come to our notice. Teachers are to be congratulated on their methods of government and on the success that attends them.

Additional Accommodations. *High Schools.* The increase in the membership of the high schools predicted last year was realized in September, when 135 were added to the enrollment of the preceding year. There were in October a total of 1,614 high school pupils, 1,136 in the English and 478 in the Latin School. Seats enough were found in the Latin School for the forty extra pupils, but there were and are now no additional rooms that can be used by teachers for recitation purposes. There should be seventeen teachers in the Latin School, in addition to the principal, in order that justice may be done in the assignment of work. There are, however, but fifteen. If we should take for the Latin three additional rooms in the Annex now used by the English School, the present needs of the Latin School as far as room goes would be supplied.

The English School, however, not only needs these rooms, but at least three more rooms in order that its forty teachers may have facilities for class instruction. Two clothes closets and the old office have again been put into commission as recitation rooms. It will be remembered that the plan proposed in ex-Mayor Chandler's administration for increased high school accommodations included not only an annex to the Latin School, but a northerly wing to be added to the English building. In all probability provision must be made by September, 1910, for at least 1,900 high school pupils, divided between the schools in the same proportion as at present. Whenever an attempt is made to increase existing accommodations, something more than mere

seating facilities should be provided. There are certain things that must be secured to the high schools if their efficiency is to be maintained and our city be found abreast of other cities of the Commonwealth in the provision that it makes for high school necessities. These needs have so often been set forth in detail that nothing more than the following brief mention of them is now needed:—

(1) Suitable quarters for manual training with a view to its extension.

(2) Enlarged facilities for commercial work.

(3) A readjustment of seats and the release of the lecture hall for its original purposes.

(4) More room for the library.

(5) Thoroughly-equipped gymnasiums for both sexes.

(6) Additional room for the chemistry and physics departments.

(7) Facilities for the teaching of domestic science.

(8) A suitable lunch room accessible to both schools.

(9) More convenient toilet rooms for pupils.

(10) Dressing rooms for teachers.

(11) Larger book and supply rooms.

(12) An assembly room large enough to accommodate an entire school.

In this connection due attention must be paid to changing educational conditions and to the constantly-growing demand that schools must fit their students for vocational pursuits. The commercial and industrial side of the high school is sure to develop more rapidly than the purely academic, and provision must be made therefor.

Whatever is to be done to relieve the situation should not only regard present needs, but should be adequate to meet those of the next twenty-five years. There is ample room in the rear of the English School for an enlargement that shall more than duplicate the present building. With four clear stories on its northerly side, room can easily be provided for manual training shops, for gymnasiums, and for all the other necessities enumerated above. The expense should not deter, for the example of other municipalities may well be followed. They have been granted permission by the Legislature to issue twenty-year bonds to meet similar expenditures. Is it not perfectly legitimate to ask the future to share the financial responsibility incurred to provide educational facilities that are to serve for generations?

The problem demands an immediate solution, for at the best relief cannot be provided in less than two years.

School Accommodations, Elementary Schools. *Ward One.* Ward One has four school buildings, containing thirty-four rooms, occupied by 1,593 pupils, under the charge of forty-one teachers, an average of 46.9 pupils to a room. An addition of

four rooms to the Hanscom School is nearly completed, and will be occupied in January. For seven years 100 first-grade children in the Prescott School have been on half-time, and for two years fifty children of the same grade in the Hanscom School have lost one-half of the school time rightly belonging to them. The new rooms provided will secure an all-day session to all pupils within their radius, and will terminate the congestion concerning which so much complaint has been made. The schoolhouses in this district will be fully adequate to meet the probable needs of the next five years.

Ward Two. This ward has three school buildings, containing twenty-four rooms, occupied by 1,167 pupils, under the charge of twenty-eight teachers, an average of 48.6 to a room. In this count the ward room in the Knapp School is not included, although this is the second year of its use as a regular classroom for fifty first-grade pupils. It is ill adapted for this purpose, and is used because nothing more suitable is available. In the Baxter School seventy-five children are on half-time. These children, whose ages run from five to twelve, and many of whom are ignorant of English, are deprived of one-half of their legitimate school session in order that thirty children of four years of age may enjoy the supposed advantages of kindergarten training. Without questioning the value of kindergartens where school accommodations are plentiful and financial requirements easily met, it will not be denied that it is short-sighted economy and a perversion of educational rights to pay a thousand dollars a year for the benefit of thirty four-year-olds, while for seventy per cent. of that sum seventy-five six-year-olds could be given twice the school time that they now enjoy. This kindergarten should be suspended, and the room used for first-grade children and for the relief of a seriously-crowded second-grade room. The majority of children in the Baxter School at the best have a brief school life, and all they learn must be crowded into the few years coming before the limit of the compulsory school age. The increase of pupils in this district emphasizes the request made last year for an addition to the Perry Schoolhouse. Six rooms should be added to the building to provide for the establishment of another grammar school centre containing the nine grades.

Ward Three. There are in Ward Three three schoolhouses, containing twenty-eight rooms, occupied by 1,203 pupils, under the charge of thirty teachers, an average of forty-three pupils to a room. There has been little change for a dozen years in the school population of this district, and present accommodations are ample for all present and prospective needs.

Ward Four. This ward has two school buildings, containing twenty-four rooms, occupied by 1,069 pupils, under the charge of twenty-seven teachers, an average of 44.5 pupils to a room. It is no longer necessary to use the ward room in the Glines, the

transfer of pupils to the Forster School rendering this unnecessary. One room in the Glines building has been taken for a manual training centre, and is no longer available for ordinary school purposes. An increase in the school population of the northerly part of this ward is probable in the near future, but relief may be found in the Hanscom addition. No immediate expenditure for school buildings will be required in this ward.

Ward Five. There are two schools in this ward, having thirty-four rooms, occupied by 1,489 pupils, with thirty-six teachers, an average of 43.8 to a room. The school census for the last three years shows no variation in the numbers in this ward,—the figures running 1,911, 1,908, and 1,910. It is probable that the present accommodations will be sufficient for several years to come.

Ward Six. This ward has six school buildings, containing fifty-five regular classrooms, with 2,607 pupils, under the instruction of sixty-one teachers, an average of 47.4 to a room. This enumeration includes, as one room, two small rooms in the Carr building originally designed for recitation rooms, but which for several years we have been compelled to use as classrooms. These rooms are dimly lighted and practically unventilated. Twenty-four children are crowded into each of these rooms, and a teacher is provided for each room. This entails an expenditure of $1,300, twice as much as would be necessary if a proper classroom were provided. These rooms have been pronounced unfit by the medical inspector of the school, and their use should be abandoned. By sacrificing the westerly entrance of the schoolhouse, which is used only for fire drill purposes, these two rooms could be put into one well-lighted and well-ventilated schoolroom. This could be done for the salary now paid the superfluous teacher for a single year.

Pending the completion of an addition of four rooms to the Brown School, we have been compelled to place the first grades in the Burns and Brown Schools on half-time. It is expected that these new rooms will be ready for occupancy early in January. This addition, while only half as large as the prospective needs demand, will accomplish several desirable things.

(1) It enables us to open another full-grade grammar school centre, with a master at its head. Ward Six has had but two grammar masters, although its pupilage outnumbers that of Wards Three and Four together, where four grammar masters are in service.

(2) It enables us to dispense with half-time conditions in the Burns, Brown, and Hodgkins Schools.

(3) It releases six assistants from service whose aggregate salaries are nearly $2,500.

(4) It temporarily relieves the congestion in the Lincoln School.

(5) It removes a ninth-grade class from the Highland School, where for several years there have been three ninth-grade classes,—a condition to be deprecated.

Ward Seven. This ward has four schools, containing thirty-six regular classrooms and 1,776 pupils, in charge of forty-two teachers, an average of 46.7 to a room. I have not included two rooms in the Hodgkins School, one the basement ward room, and the other a small room which furnishes seating accommodations for half a class, and which requires the services and salary of a whole teacher. For economical reasons, if for no other, at least one of these rooms should be abandoned. The needs of Ward Seven for the immediate future demand additional accommodations.

The mistake of the past should not be repeated. We have heretofore built to relieve urgent present needs, with little regard to the future. Instead of a small structure that tides over the present emergency, we should build with the prospective demands in mind. An enlargement of the Lincoln School building, if feasible, would afford only temporary relief. Even six rooms added to the Hodgkins would be prospectively inadequate. A location convenient and suitable in every way can readily be found on the old ledge lot on the proposed extension of Cameron and Packard avenues, midway between Broadway and Holland street. Here should be erected a building of twelve or fifteen rooms, with an ample assembly hall for public as well as school convenience. Such a building can be easily reached, and will apparently serve the needs of the ward for many years. A portion of the expense may be transferred to the future, as in the case of the high school enlargement.

To recapitulate the requirements for additional school accommodations, there are needed:—

(1) An adequate enlargement of the English High School building.

(2) An addition to the Perry School that shall duplicate its present accommodations.

(3) A twelve or fifteen-room building located on the city ledge lot in Ward Seven.

Teachers. There are now 337 teachers employed in the city, not including sixty at work in the evening schools. Thirty-two of these are men. Fewer changes than usual have occurred during the year in the teaching corps. Eighteen teachers have resigned, and one has died. Nine of our best teachers have left us for positions in other cities that offer stronger professional and financial inducements. Seven have resigned to be married. One, Miss Gorda N. Bean, of the Bell School, an excellent and well-beloved teacher, died suddenly on December 6. Miss Anna E. Sawyer retired from teaching during the year, after a

faithful and efficient service in our schools covering an unusual period of thirty-four years. Twenty-five teachers,—four men, twenty-one women,—have been elected during the year. According to custom, these new teachers have been carefully selected, all but two having had successful experience that justified the payment of the maximum salary from the outset.

Four of the eighteen teachers who resigned in 1907 taught in Somerville an average term of eleven years, the length of service of the remaining thirteen averaging four years and two months. In this latter list all of those who left us for better positions are included. It is difficult in the nature of things to secure permanency of service from teachers. The chief cause of the present instability is found in the fact that so many yield to the allurements of matrimony. Of the 114 teachers that have resigned during the last five years, fifty-five, or forty-eight per cent., have been married, and fifty per cent. of the remainder have left us for financial considerations. We must probably expect losses from these two causes in about the same proportion annually. We may possibly retain teachers longer by larger salaries. It will be in the interests of the schools to do this, for it is growing constantly more difficult to replace teachers that can command larger salaries by those equally good. Whatever other inducements we can offer for longer service should be made. In this connection I wish again to call attention to the plan of allowing long-service teachers a year or part of a year once in a while for travel and study, on half-pay, and to permit teachers who have been twenty years or more in service to retire from teaching for a year simply for rest, under the same conditions. Experience elsewhere shows that this provision entails a relatively small expenditure, but results in increased efficiency on the part of valuable teachers, and has a tendency to prolong the period of service. Occasionally a teacher now does one of these two things, but the great body of teachers cannot afford the expense, many of those most needing the change being the least able.

The Latin School. The membership of this school has risen from 432 to 480 within a year, an increase of forty-eight, without any change in the teaching force. This number is divided among the classes as follows:—

	1906.	1907.	Change.
Senior	83	102	+19
Junior	101	107	+6
Sophomore	124	109	—15
Freshman	124	162	+38

With the head master, there are fifteen teachers in the school, six of whom are men. Including the principal, who teaches two-thirds of the time, the average class unit is thirty-two. Some of the classes are small, and others number almost forty. This is altogether too large a quota for each teacher, but

the number is compulsory rather than optional, for there is no room for additional teachers to work. Indeed, even under existing conditions, either the assembly hall or the library room is frequently used for recitation purposes. By good rights the Latin School should use four additional rooms in the Annex. But such rooms cannot be taken without forcing the English School to the wall. This is one urgent reason for the enlargement of the English School building.

There has been but one change of instructors during the year. Miss Pratt, the head of the English department, left the school for professional advancement. Her place was taken by Miss Gertrude M. Hall, a teacher in the Winchester High School and a graduate of Wellesley, '97.

Seventy-five pupils were graduated from the school in June, fifty-one of whom entered college or technical schools,—an unusually large proportion.

The standing of the school among institutions that fit for college is unsurpassed. Its graduates take high rank wherever they go, and reflect honor not only upon the school and its teachers, but upon the city as well. The numbers pursuing each study is shown in the following table:—

English	475	French	117
History	269	German	196
Mathematics	480	Greek	112
Physics	55	Drawing	21
Latin	470	Chemistry	12

Thirty more pupils would take chemistry if there were room for them.

The following table shows the extent to which pupils drop out of the school during their four-years' course:—

TABLE SHOWING LOSSES OF CLASSES IN LATIN HIGH SCHOOL EACH YEAR.

Membership.	Class of 1902.	Class of 1903.	Class of 1904.	Class of 1905.	Class of 1906.	Class of 1907.	Class of 1908.	Class of 1909.	Class of 1910.	Class of 1911.
December 15, 1st year	77	64	103	111	125	121	136	139	124	162
" 2nd "	73	47	93	97	106	112	120	124	109	...
" 3rd "	64	49	88	95	93	92	101	107	...	...
" 4th "	62	60	84	81	93	83	102	...	...	...
Graduates	56	46	73	76	81	75	...	...	...	...
Loss per cent. 1st year	5.2	26.5	9.7	12.6	15.2	7.4	11.8	10.8	12.1	...
" " 2nd "	12.3	4.3*	5.4	2.1	14.0	17.9	15.8	13.7	...	...
" " 3rd "	3.1	22.4*	4.5	14.7	0.0	9.8	0.0	...	...	...
" " 4th "	9.7	23.3*	13.1	6.1	12.9	9.6	...	...	...	...
Total	27.3	28.1	29.1	31.5	35.2	38.0	...	...	...	...

*Gain.

The English School. Eleven hundred eighty-one pupils have been members of the school since the opening of the term in September. Seventy-seven of these have dropped out, leaving

at the present time a membership of 1,104, fifty-six more than there were a year ago at this time. They are classified as follows:—

	1906.	1907.	Change.
Post-graduate	7	12	+5
Senior	162	164	+2
Junior	194	205	+11
Sophomore	286	301	+15
Freshman	399	422	+23

There are forty teachers, exclusive of head master and secretary, eleven of whom are men, three of them being employed in the manual training department. The average number of pupils to a teacher is twenty-six and three-fourths.

Four new teachers were added to the corps in September:—

Albert I. Montague, Amherst, '96, mathematics.

Mary E. Hadley, B. U., '96, Latin, English, and history.

Winifred E. Howe, B. U., '01, English.

Flora E. Anderson, Chandler Normal Shorthand School, '03, commercial department.

The school lost one teacher, Miss Ella A. Newhall.

Since September the school has been handicapped by crowded conditions. Three teachers have been obliged to use rooms wholly unsuitable for recitation purposes. The manual training department has been so crowded that one section has been obliged to attend in the afternoon from two o'clock to four, Mr. Jaynes being employed as instructor. The chemistry department has been taxed to its utmost. Twelve Latin School pupils are taking the chemistry course. Others were excluded on account of lack of room. The commercial department has been full to overflowing. Notwithstanding these disadvantages, the work of the school has been pushed energetically, and its high standard fully maintained.

As before stated, seventy-seven members of the school have dropped out since the opening of the term. While there has always been a loss of pupils during the first of the year, this year shows an exceptional number. It is difficult to account for this. Many of the entering class come into the school with no well-defined purpose and with no disposition to make studious application to work. They easily become disheartened and fall out. The following tabulation shows losses by classes, and also, as far as can readily be ascertained, by causes:—

Summary of Causes.

Work	16	
Other schools	13	
Ill health or home needs	15	
Moved	7	
Cause unknown	26	
Indifference		
	77	

Summary by Classes.

	Girls.	Boys.	Total.
IV year	3	6	9
III year	5	6	11
II year	12	5	17
I year	26	14	40
	46	31	77

This diminution of numbers during the first year is not peculiar to this school, but is a matter of general observation and complaint. No efficient remedy has yet been found. The following table shows the losses that the school has sustained during the last ten years.

TABLE SHOWING LOSSES OF CLASSES IN ENGLISH HIGH SCHOOL EACH YEAR.

Membership.	Class of 1902.	Class of 1903.	Class of 1904.	Class of 1905.	Class of 1906.	Class of 1907.	Class of 1908.	Class of 1909.	Class of 1910.	Class of 1911.
December 15, 1st year	217	299	246	261	250	252	267	350	399	422
" 2nd "	162	221	178	214	190	220	224	286	301	...
" 3rd "	135	178	147	180	158	187	194	205	...	...
" 4th "	120	151	112	148	140	162	164	...	...	...
Graduates	108	135	106	135	127	148	...	...	...	...
Loss per cent. 1st year	25.3	26.0	27.2	18.0	24.0	12.7	16.1	18.3	24.6	...
" " 2nd "	16.6	19.5	17.4	15.9	16.8	15.0	13.4	28.3	...	...
" " 3rd "	11.1	15.2	23.8	17.8	11.4	13.4	15.5	...	...	...
" " 4th "	10.0	10.6	5.4	8.7	9.0	8.6	...	...	...	...
Total	50.2	54.8	56.9	48.3	49.2	41.7	...	...	...	...

In June the school graduated 148. Seven of these entered college, thirteen, technical schools, and seven, normal schools.

The twenty-five subjects of the curriculum are pursued by pupils at the present time as follows:—

English	1,104	Freehand drawing	335
History	921	Commercial:—	
Mathematics	877	Law	30
Chemistry	82	Bookkeeping	109
Astronomy	13	Stenography	166
Physics	57	Arithmetic	183
Biology	47	Geography	63
Physiology	221	Penmanship	329
Latin	87	Typewriting	177
French	403	Elocution	1,104
German	150	Manual training	293
Physical geography	33	Music	1,035
Mechanical drawing	358	General science	355

Elementary Schools. There are now in these schools 10,710 pupils, 147 more than a year ago. They are classified as follows:—

	1907.	1906.	Change.
Grade 1	1,532	1,526	+6
" 2	1,384	1,473	—89
" 3	1,375	1,352	+23
" 4	1,337	1,292	+45
" 5	1,239	1,240	—1
" 6	1,201	1,109	+92
" 7	1,022	1,003	+19
" 8	831	872	—41
" 9	789	797	—8

In June last 725 were graduated from the grammar schools, eighty-five more than last year. Of these, 561, or 77.4 per cent., entered the high school, 414 going to the English and 147 to the Latin.

The number of graduates was larger than ever before. Of the 1,183 in the class in the fifth grade, we have succeeded in holding sixty-two per cent. for graduation and about one-half for entrance upon high school work. The remainder dropped out as follows: From Grade 5, 49; Grade 6, 131; Grade 7, 86; Grade 8, 120; Grade 9, 72; at graduation, 164.

This large loss of pupils from the upper grammar grades is a serious matter, a remedy for which is being diligently sought in educational circles. Similar conditions prevail in many communities. During the year we have issued 386 working certificates to minors under sixteen, 300 of which have been given to grammar school boys and girls from the five upper grades. None are issued to those under fourteen. From these grades children fourteen and fifteen years of age are constantly dropping out to go to work. The chief impelling cause is doubtless financial needs in the home. Another cause is lack of interest in school work, a feeling that it is contributing little to an equipment for wage earning. A few more leave school rather than repeat the year's work. Most of this class are poorly qualified for any permanent productive work. Because they can do no better, they gladly take manual or mercantile work requiring little or no skill or scholastic attainment, at small pay. As they grow older, they feel the need of more money. They change employers for an additional dollar a week now and then, drifting with nothing permanent in view, until they finally settle down in the ranks of unskilled labor, ranks already crowded, although the demand for skilled labor is unsupplied.

Industrial Education. It is facts such as these, in part, that have given rise to the widespread movement for industrial or trade schools. An urgent need exists for institutions that shall receive boys and girls from fourteen to eighteen years of age and for a year or more give them training for some productive mechanical pursuit in which skilled laborers are needed and in which they may earn a comfortable living and find a life occupation. This matter was fully presented in last year's report. The State Industrial Commission is actively engaged in perfecting plans to meet the demand, and has invited the co-operation of municipalities. The suggestion has been made that several contiguous cities and towns unite with the state in the establishment and maintenance of such schools. For example, Cambridge, Somerville, Watertown, Arlington, and Belmont might unite as a district in a location accessible to all, and each contribute its quota of that half of the expense which the State does not pay.

The question is a large one in all its phases, educational, sociological, and industrial. It is in the hands of able experts, and out of their investigations let us hope some scheme will be evolved to meet the needs of the pupils who are forced by circumstances out of school and into the overcrowded field of unproductive labor.

Kindergartens. The kindergartens in the Hanscom, Bennett, Baxter, and Glines Schools are still in operation, although the attendance has fallen off in two of them. The entire cost of these kindergartens for the year was $3,956.03, or $21.62 for every child that attended.

The details are as follows:—

	Hanscom.	Bennett.	Baxter.	Glines.	Total.
Enrollment	106	109	101	94	410
Average membership	46	52	42	43	183
Average attendance	41	43	35	39	158
Per cent. attendance	87.9	82.7	83.5	89.3	86.3
Age	4—7	4—8	4—5	4—7	4—7

Evening High School. The evening high school opened its third year in October, 1906, under the principalship of George W. Earle, of the English School. The experience of previous years was in the main repeated. Six hundred and thirty-one different students were in attendance. The average attendance dwindled from 240 in October to 139 at the time of closing. The instructors, in point of ability and experience, were the equal of those employed in our day high schools, and the advantages for the brief time were equal to those enjoyed by regular high school pupils. If some way can be discovered of excluding those whose interest is shallow and transient and whose membership is brief, there will be a decided gain to the school. The cost of the school was $0.352 per pupil for each evening. The aggregate cost of instruction was $3,787.25. The cost of supplies, janitor's services, and light was $1,014.56. Total, $4,801.81.

The school closed the first of March and re-opened on the second Monday of October, 1907, with the same principal and practically the same corps of instructors.

Instead of running the school in two sections for four evenings a week, giving to each section two evenings only of work, at the present time the school holds its sessions three evenings a week, and every student is expected to be present each evening. Thus far this change has proved decidedly advantageous, the attendance being more regular and the work accomplished being

increased by one-half. Besides, the expense has been materially lessened.

The great majority of the young men and women in attendance are fitting themselves better to perform the duties of the positions they now hold or to secure advancement. They are ambitious, interested, and apply themselves diligently to the business in hand. The work done by this school justifies its existence.

The cost of instruction per pupil per evening thus far this year has been $0.191, as against $0.254 last year.

Elementary Evening Schools. In these schools, as in the high school, the term of 1906-1907 was shortened by closing at the end of February, in order to make expenditures and appropriations harmonize more nearly. The amount thus saved was about $1,600. The enrollment in the four schools was 917, with an average attendance of 328, or 35.8 per cent. The total expenditure was $5,312.99, or $0.213 per pupil per evening.

The attendance at these schools at the present time is larger than ever before, and the interest is better maintained. The number of non-English-speaking students is constantly increasing, and at present constitutes about one-half of the whole number. All must recognize the importance of teaching these uneducated foreigners to use the language of their adopted country and of training them in some of the primary duties of citizenship. Certainly whatever can be done to safeguard the community against the perils that naturally inhere in the addition of a heterogeneous people to our population should be done. Our evening school work might easily be broadened in its scope, and its term should certainly be lengthened rather than shortened.

Vacation Schools. It is unfortunate that the stringency in the city's finances has rendered it inexpedient to open vacation schools for the last three years. It is coming to be more and more recognized that the responsibility of the city for the restraint, control, and education of its children is not limited to the forty weeks of the school year. In Somerville, as in most large cities, there are thousands of children that spend the ten weeks of the summer vacation at home. Much of their waking time is spent, as it ought to be, out of doors. In the absence of useful occupation and the direction of their sports, and without playgrounds to which they may resort, they roam the streets in aimless idleness. It is not strange that they get into mischief, that they trespass on the rights of property holders, that vicious habits are formed, and that their moral status falls far below what it might otherwise be. For these reasons school authorities and all others interested in social betterment are everywhere doing what they can to control the activities of children during vacation periods, and to give useful direction thereto. Whatever concerns children either in school, at work, or at play is a

subject of public interest and activity. Just now playgrounds for children are receiving special attention. Play is the normal occupation of childhood. It is recognized that play, properly supervised and directed, has an educational and an ethical, as well as a hygienic value. Hence there has arisen a widespread movement to provide playgrounds near schools and homes, suitably equipped with gymnastic and play apparatus, and placed under the direction and control of competent supervisors. Under special authority from the Legislature, Boston has this year spent $60,000 for these purposes, and the good work has only been begun. General enactments have given municipalities in other states authority to make similar expenditures. While we may not have the legal right to spend money for these purposes, the subject should receive attention, public interest in it should be aroused, and ways and means found to provide play facilities for the hundreds of Somerville children that will be vastly benefited thereby.

Through the generosity of one of our leading corporations, an example has been given of what may be done. The old Prospect Hill School lot has been utilized, an inexpensive equipment furnished, and a director supplied during the months of July and August. In other sections of the city schoolyards might be provided with swings, see-saws, parallel bars, sand-heaps, and other similar means of amusement and training at small expense. Young women could be found to act as directors. The school buildings might be opened for reading, music, story-telling, and simple hand work. Somerville has generous citizens, who would doubtless gladly give financial aid. In this work some of our women's clubs would find ample opportunity for their activities.

It is easy to retrench by eliminating vacation schools and shortening the term of evening schools. The loss may not be immediately apparent, but it is no less real. Through these agencies we reach a class greatly in need of influences that make for good citizenship. Neglected, they become a menace. Properly cared for, they make more or less helpful elements of our population.

Cost of the Schools. The total amount spent for the maintenance of the schools of Somerville in 1907 is $340,852.07. This does not include the sums spent on schoolhouse repairs and for new buildings. It does cover the amount paid for the care of school buildings, for janitors' services, fuel, light, and school telephones. This expenditure is wholly in charge of the city government.

The amount paid for janitors is	$23,999.00
The cost of fuel is	15,235.48
The cost of light is	3,760.08
The cost of the school telephones is	433.07
A total of	$43,427.63
The cost per capita	3.65

The second important expenditure is wholly under the control of the Board, and is covered by what is known as the "School Contingent" appropriation. The following is the itemized account:—

Officers' salaries		$5,500.00
Books	$6,743.44	
Stationery	4,931.63	
Laboratory and manual training supplies,	3,396.60	
Printing	1,479.10	
Graduation exercises	1,159.59	
Drawing supplies	853.28	
Bookbinding	2,175.70	
Writing books	535.65	
Stereoscope pictures	625.41	
Typewriters and typewriter supplies	357.21	
Truant officer's horse	240.00	
Express and postage	222.01	
Board of truants	597.44	
School census	246.20	
Office telephones	182.32	
Kindergarten supplies	89.53	
Miscellaneous supplies	482.22	
Total for school supplies, etc.		24,317.33
Total outlay on school contingent account		$29,817.33
Appropriation		27,000.00
Deficiency		$2,817.33
Received for damage to school property, tuition of state wards and non-residents, etc.		482.01
Net deficiency		$2,335.32

The estimate of the committee for school contingent expenses was $29,000. This sum was exceeded by $335.32.

The third, and by far the largest, element of the cost of schools is the sum spent for the salaries of teachers. The following shows the monthly payments:—

January	$27,183.93
February	27,323.13
March	25,645.75
April	25,613.56
May	25,648.32
June	25,576.26
September	26,388.42
October	27,506.12
November	28,393.50
December	28,328.12
Total	$267,607.11
Amount of appropriation	265,000.00
Deficiency	$2,607.11
Credit	6.00
Net deficiency	$2,601.11

The estimate of the School Board for teachers' salaries amounted to $272,522.50. The expenditure was $4,915.39 less. This amount was saved by the early closing of the evening schools, the omission of vacation schools, the employment of teachers at salaries below the maximum, the employment of a smaller number of cadet teachers than was expected, and by the non-employment of teachers for backward pupils.

The total outlay for all school purposes in 1907 was as follows:—

Teachers' salaries	$267,607.11
Administration	5,500.00
Care of schoolhouses	43,427.63
School supplies	24,317.33
Total for school maintenance	$340,852.07
Paid for repairs	18,007.85
Paid for new buildings	31,804.34
Total for all school purposes	$390,664.26

Each dollar of the sum spent for the support of schools has been divided in the following proportion:—

	1902.	1903.	1904.	1905.	1906.	1907.
Teachers' salaries	$0.800	$0.781	$0.793	$0.792	$0.792	$0.785
Administration	0.017	0.013	0.016	0.013	0.016	0.016
Janitors' salaries	0.073	0.070	0.070	0.070	0.070	0.070
Heat and light	0.042	0.067	0.053	0.061	0.052	0.057
School supplies	0.068	0.069	0.068	0.064	0.070	0.072
Total	$1.000	$1.000	$1.000	$1.000	$1.000	$1.000

Per Capita Cost. The proper method of comparison of the cost of schools year by year is to consider the sum spent for each pupil in the average membership. In this computation we exclude the cost of evening schools, the sum being so large as possibly to mislead. The following shows

THE PER CAPITA COST OF DAY SCHOOLS FOR 1906 AND 1907.

	High Schools.			Grammar and Primary Schools.			All Day Schools.		
	1906.	1907.	Increase.	1906.	1907.	Increase.	1906.	1907.	Increase.
Instruction	$43 82	$44 07	$0 25	$18 94	$19 24	$0 30	$21 82	$22 30	$0 48
Supplies	4 73	5 44	0 71	1 50	1 52	0 02	1 88	2 01	0 13
Care	3 75	4 21	0 46	3 22	3 35	0 13	3 28	3 46	0 18
Total	$52 30	$53 72	$1 42	$23 66	$24 11	$0 45	$26 98	$27 77	$0 79

Including the cost of maintenance of evening schools, the per capita cost will be as follows:—

	1904.	1905.	1906.	1907.
Cost of instruction	$23.03	$22.50	$22.63	$22.93
Cost of supplies	1.93	1.74	1.92	2.04
Cost of care	3.52	3.63	3.45	3.65
Total	$28.48	$27.87	$28.00	$28.62

The examination of these tables shows that we have paid twenty-five cents more for the instruction of each pupil in the high school than in 1906, and seventy-one cents more per pupil for supplies. This increase is due to the employment of three additional teachers in the English School and to supplies necessary to meet an increase of 106 in the membership of the high schools.

The grammar and primary schools have cost thirty cents per pupil more for instruction, and two cents for supplies. Eight cents of this increased cost of instruction is chargeable to manual training, and the remainder to the employment of assistant teachers in large classes and one extra teacher. The increased cost of supplies is due to the unusually large bookbinding bill.

Considering all day schools together, the increase of cost has been seventy-nine cents, forty-eight cents of which is for instruction, thirteen for supplies, and eighteen for the increased cost of the care of school buildings. Adding the cost of evening schools to that of day schools, we increase the cost of instruction by sixty-three cents, the cost of supplies three cents, and the cost of the care of school buildings nineteen cents. This makes the total cost for 1907 $28.62 per capita, as against $28 for 1906. In 1906 there were seventy-six cities and towns in the Commonwealth in which the per capita cost was larger than it was in Somerville. The cost of maintaining our schools in 1906 was $5.46 for every thousand dollars of the city's valuation, but there were 145 cities and towns in the state that paid a higher rate. This year the maintenance of the schools in Somerville has taken $5.54 of the $12 allowed for the maintenance of all departments in the city.

The salaries paid to teachers in January, 1908, are as follows:—

1 man	$3,000	24 women	$900
1 man	2,600	2 women	850
1 man	2,000	2 women	825
10 men, 2 women	1,900	3 women	800
1 man	1,850	16 women	775
1 man	1,800	9 women	725
6 men	1,700	194 women	700
2 men	1,600	11 women	650
3 men	1,500	12 women	600
2 men	1,400	2 women	525
1 man	1,300	1 woman	500
3 women	1,200	5 women	425
3 men	1,100	3 women	350
1 man, 12 women	1,000	3 women	200

A careful estimate shows that for 1908 the school expenditures will be:—

For teachers' salaries	$291,424.38
For contingent expenses	28,500.00
Total	$319,924.38

Schoolhouses. There have been no recent public criticisms upon the sanitary conditions of school buildings. With hardly an exception, they are in excellent condition, well cared for, and perfectly healthful. During the year the ordinary repairs have been made, and in several buildings the walls have been tinted. The heating and ventilating apparatus of the Pope School has been entirely changed by the substitution of steam heat and a ventilating fan, in place of furnaces and the gravity system which had for years yielded such unsatisfactory results.

There are two respects in which some of our school buildings should be improved. Attention has been frequently called to them, but they are mentioned once more that they may not be forgotten.

1. The lighting of the Prescott, Bell, Forster, and Morse Schools should be improved by the addition of extra windows in most of the rooms. A visit to any of these buildings on a dark day would convince any one that an attempt at sight-work would be perilous. I certainly hope that the work of improvement in this respect may at least be begun this year.

2. The old-fashioned furniture still remaining in many of the rooms should be replaced by that which is adjustable to the size of pupils. This is in the interest of the health and comfort of children. The desirability of this change is so obvious that I am sure the new furniture will be substituted as rapidly as financial conditions will warrant.

The fire escape on the Bell Schoolhouse has at last been completed, although no attempt has been made to use it in connection with the fire drill. The practice of the fire drill, in accordance with an amendment to the Rules, recently adopted, absolutely removes all danger of panic in emergency, and secures the safety of the children in any case of danger that is likely to arise. Any building in the city may be emptied of pupils within two minutes without disorder or excitement.

The Training of Teachers. Twenty-five years ago it was thought that graduation at a high school sufficiently equipped a young woman for teaching. Now the demand everywhere is for teachers that have supplemented this academic education by two years of professional training at normal schools. The standard of qualifications for teaching has been greatly raised. There must be added to the requisite amount of academic knowledge the study of the mind and character of children, of the history and theory of education, and of the best methods of instruc-

tion. Theories must be tested by experience. The self-confidence of the fresh normal school graduate must be tempered by facing the realities of a schoolroom.

In Somerville we have for years employed only trained teachers who have had sufficient experience in teaching to place their ability and success beyond question. Most teachers who have come to us have been paid our maximum salary at the outset. This principle of selection underlies whatever of excellence our schools may possess. The rare exceptions to the rule have only emphasized its wisdom. There has always been a strong feeling in the community that Somerville women should be employed in Somerville schools. This feeling has been chiefly confined to those who have friends or relatives needing employment. It has not been shared by the more intelligent portion of the community, who consider the demands of the schools as paramount to personal considerations. Nevertheless preference has been given, when other things have been equal, to the graduates of our own schools. This is evidenced by the fact that during the last fifteen years nearly a hundred of our own residents have been given positions as teachers. The state has established ten normal schools, in which young men and women who desire to qualify for teaching can receive gratuitous instruction and training. These schools are rarely crowded. Occasionally a city whose residents cannot easily reach one of these schools has established a training school, which serves as an indifferent substitute. Some of our own graduates hesitate to leave home to secure experience in other towns or cities whose financial status compels the employment of cheap teachers. This has given rise to a call for some sort of training school that shall give experience that will enable a normal school graduate to work successfully in our city schools. This matter has been fully discussed at one time or another, and a year ago this discussion materialized in a plan for the employment of what are called cadet teachers. (See Appendix I. for details of the plan.) These young women are to be employed in different schools for a year at a small salary, under the direction of experienced principals and teachers. The number is limited by the Rules to twelve. Only three candidates presented themselves at the beginning of the year. They are now at work in the schools.

It is too early to pronounce upon the success of the plan. Its great weakness is that the cadet has no opportunity for the independent management and discipline of a class. It is in these respects that young teachers are generally weak. Nevertheless the plan should receive a fair trial before it is abandoned.

Truancy. The following shows the record for the year :—

	1906.	1907.	Decrease.
Number of visits to schools.....	511	474	37
Number of cases investigated.....	502	499	3

Number found to be truants	151	94	57
Number sent to truant school	6	9	+3
Paid for board of truants	$417	$597	+$180

It does not appear that this vice is growing in the city. Constant vigilance is required for its restraint. What is demanded is not the punishment of the offender, but his reformation. Truancy, while not a venial offence, tends towards immorality and crime. For many a boy it is the start down hill. It has its origin in unfortunate home environment, or failure on the part of the schools to furnish that which meets the truant's needs and interests. Like other juvenile offenders, he must have sympathetic treatment so positive in character as not to be mistaken for leniency or weakness. There is now and then an inveterate case, curable only by harsh methods, but in the main truants are amenable to the patient and persistent efforts of those who can secure their confidence and friendship.

For many years we have been fortunate in having the service of a single faithful and efficient officer who has done for Somerville what four such officers are just able to do for our sister city, Cambridge. If we are to attempt the reformation of truants by modern methods, our force must be increased. Promptness in dealing with offenders is needed, and it often happens that while the officer is scouring West Somerville for a boy in hiding, in the east end or in some other distant locality two or three are reveling in conscious immunity. But it is not enough to return the boy to school or hale him to court. The home must be visited, parental co-operation secured, or its education attempted. The boy himself must be studied and every case diagnosed that the proper remedy may be applied. Early morning or late evening visits are often needed. All this requires more time and effort than one man can find available. Hence another truant officer is imperative, a man fitted by nature and experience for the delicate and responsible service he is to render. I therefore recommend the employment of another active truant officer.

Stamp Savings. In June last the stamp savings system concluded five years of activity in Somerville. The results of these five years are shown in the figures below:—

YEARLY TOTALS.

Year.	Collections.	Dividends.	Total.
1902-3	$15,135.59		$15,135.59
1903-4	9,069.80	$187.75	9,257.55
1904-5	8,056.80	129.90	8,186.70
1905-6	7,503.01	62.58	7,565.59
1906-7	8,043.48	138.78	8,182.26
Total for five years	$47,808.68	$519.01	$48,327.69

REDEMPTIONS.

	Banked.	Cashed.	Total.	Dividends.	Total.
1st year	$8,069.85	$3,152.46	$11,222.31		$11,222 31
2nd year	6,060.91	2,927.90	8,988.81	$71.74	9,060.55
3rd year	4,754.46	3,116.47	7,870.93	48.00	7,918.93
4th year	4,465.95	2,922.19	7,388.14	61.65	7,449.79
5th year	4,070.13	3,060.41	7,130.54	85.00	7,215.54
Total	$27,421.30	$15,179.43	$42,600.73	$266.39	$42,867.12
Balance May 1, 1907					5,460.57
					$48,327.69

Adding to the total collections $2,971.54, the amount thus far collected since September, 1907, the grand total of collections is found to be $50,780.22. These results imply much gratuitous labor and sacrifice on the part of the officer of the Associated Charities having the matter in charge, and her assistants. It also means a great deal of effort, time, and perplexing work on the part of principals and teachers. Its most important meaning, however, is to be found in habits of thrift that have been formed, in lessons on the value of money and the importance of saving by littles, and in the positive financial advantages accruing to the thousands of children who have shared its benefits. Teachers naturally feel that every obligation imposed upon them by duties that really lie outside of their legitimate work makes a serious addition to a burden that threatens to become too heavy to be carried. Not only their desire, however, to be loyal to requirements, but their wish to promote the interests of the children placed under their charge leads them cheerfully to bear it. The following quotation from an article by one of our own English High School teachers in the current number of Education is so timely and pertinent in this connection that I think it worthy a place in this report:—

"No less unfortunate seems the growing tendency to make the public school teacher the medium for all sorts of investigations and reforms, excellent in themselves, but hard to reconcile with the other demands on her time and strength. Statistics, medical inspection, free text-books, red-tape of all kinds, a thousand interruptions, often seem to a teacher with any conscience as to her work like the veritable fiend that troubled Launcelot Gobbo, 'Well, my conscience says, "Launcelot, budge not"; "budge," says the fiend; "budge not," says my conscience.' It is not the work of teaching, but such conflicting claims that sap the strength of the public school teacher, sending her home at night too weary to make adequate preparation for the morrow. She does not beg for sympathy; she does not ask an easier life, but she does desire, yes, longs ardently and passionately for means to make more fruitful the service to which she is dedicated. In the name of all true scholarship, as you love your children, see

to it that the well-meaning efforts in her behalf be guided by wisdom and understanding."

The Public Library and the Schools. The contrast between old methods and new is nowhere more striking than in the use of the public library now made by the public schools as compared with a dozen years ago. Then the library was inadequately supplied with children's books, and comparatively few children patronized it. Now books are provided in abundance, a room has been set apart for the use of children, and every facility has been granted to teachers and pupils for the use of library books in connection with the work of the schools. At the present time there are 165 libraries scattered over the city in schoolrooms, under the care of teachers. These contain 6,649 volumes, and are interchanged whenever necessary. These books are selected with discretion by teachers or by the school librarian. Besides the use of books in the schools, thousands of children deal directly with the library. All these advantages are provided at the expense of the library trustees, the school department contributing nothing thereto. We desire to extend thanks to the librarian and his assistants, as well as to the Board of Trustees, on behalf of both teachers and children, for the privileges thus generously furnished.

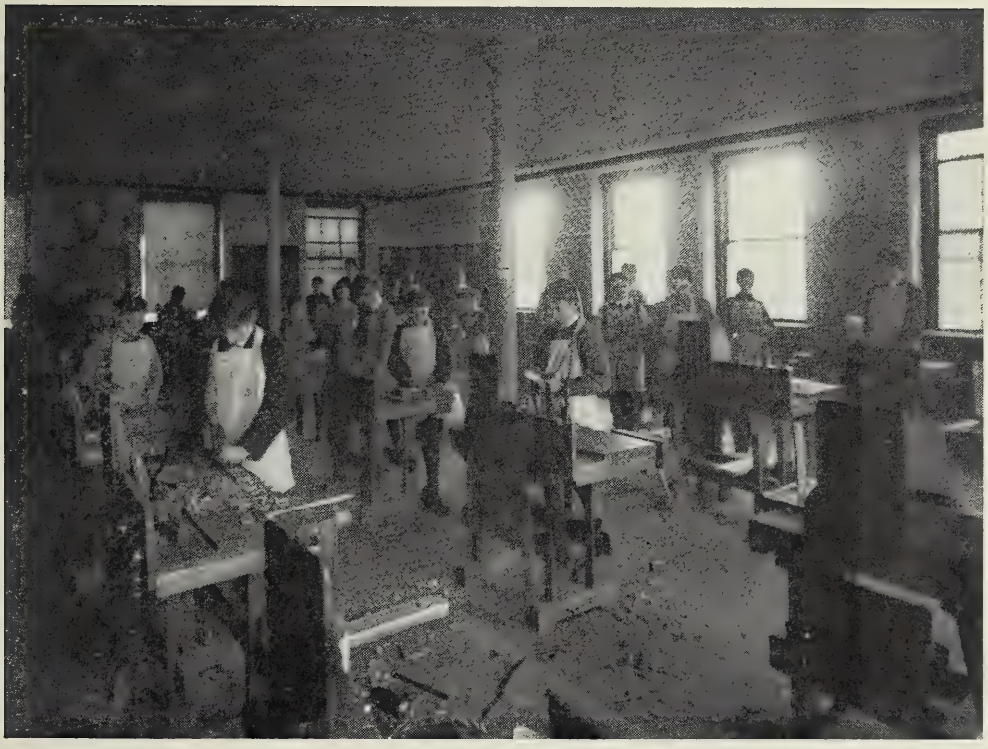
Manual Training. *In the Grades.* In 1898 the Legislature passed a law making instruction in manual training compulsory in all cities having a population of at least 30,000.

Since that time every School Report has urged the introduction of this subject into the grammar school curriculum, and reasons have been given therefor. In expression of a settled conviction on the part of the School Board, three separate requests have been unanimously made to the City Government during the last eight years for the equipment of manual training rooms in various parts of the city. These requests have been without avail. At the beginning of this year the opinion of the City Solicitor was obtained to the effect that authority to open and equip such rooms was vested in the School Committee. After due investigation and consideration, the School Board voted in April last to establish two manual training centres, and authorized the Committee on Industrial Education to employ two instructors at a salary not exceeding $1,200 each.

In pursuance of this vote, a room in the Glines School and one in the Carr have been fully equipped with twenty-five benches each, and tools in conformity with the recommendation of Gustav Larsson, of Boston, the father of sloyd work in New England. The entire expense of equipping these two rooms was $1,302.20.

Two men, each of whom had had thorough training and long experience in this line of work, were employed at a salary of $1,100 each. A modified sloyd course of work was adopted

CARR MANUAL TRAINING ROOM.



GLINES MANUAL TRAINING ROOM.

similar to that used in kindred schools throughout the country. Four hundred and nineteen boys belonging in the eighth grades in thirteen schools during the girls' sewing and drawing time have received a weekly two-hour lesson since the beginning of the school year. The boys have been intensely interested in the work, only one having been found without a relish for it.

There has been no perceptible falling off in the work accomplished in other branches. One hour of the eighth-grade boy's time has heretofore been spent in miscellaneous pursuits, while the girls have been sewing. This hour is now taken for manual training.

In the work in the shop the boy first prepares a working drawing of the object he is to make. This is drawn to scale. He then fills out a lumber order, giving the dimensions required, and estimates the cost. After general class instruction, he proceeds to fashion the piece of work in hand. When finished, he makes a record of what he has done, accompanied by self-criticism. Forms used will be found below.

LUMBER ORDER.

For coat hanger.
Kind and thickness of wood, soft pine, ⅞.
Finished dimensions, 15½ inches x ¾ inches x 2½ inches.
Rough dimensions, 15¾ inches x ⅞ inches x 2¾ inches.
Approximate cost, $0.03.
Name, George Marshall.
Note.—If model consists of more than one part, state for which the wood is to be used.
State length, width, and thickness.

SLOYD RECORD.

(Pupils are requested to carefully note and fill out this blank, to hand in with each completed model.)

Bench 10.

Name, George Marshall.
Age, 15. School, Pope.
Model, coat hanger.
Kind of wood, soft pine.
Tool used, plane, spoke-shave, saw, circular saw, knife, ruler, pencil, square, marking gauge.
Time spent in making the model, 2 hours.
Standard measurements, 2½ inches x ¾ inches x 15½ inches.
Measurements obtained, 2½ inches x ¾ inches x 15½ inches.
Workmanship, with reason, good, because I took good care to do my work well.
What are you going to do with your model? Give it to the Junior Auxiliary of the Fathers' and Mothers' Club.
Teacher's remarks on above: Did very well.

Note.— Measurements: State the greatest length, width, thickness.
Workmanship: Excellent, Good, Fair. Plus (+) and minus (—) may be used to indicate a little better or a little less than the mark.

Evidence of the value of manual training both in elementary and high schools is overwhelming. The general trend of school work is away from the purely academic and towards the vocational and practical. The call is not so much for boys and young

men who know things as it is for those who can do things. Knowledge and power that can be applied in commercial or industrial business are demanded. More and more the schools are called upon to equip their graduates, in some degree, to be sure, for further study, but in the majority of cases with training that will make them efficient and self-supporting. This enlargement of the function of the schools is demanded by modern conditions, and must be recognized by those in authority. This manual training work so auspiciously begun must be extended to other elementary school grades. Indeed, in all grades some form of handwork, which can be provided in great variety and abundance, should have a place.

I therefore recommend that at least two additional rooms be provided and instructors employed so that another grade, either the seventh or ninth, may share in the advantages of this work. If for financial reasons this cannot be done, the session of the manual training schools can be extended from five hours to six and one-half, by beginning at 8.30 and closing at 4 o'clock. This will shorten the length of lessons from two hours to one and one-half hours, but it will enable instruction to be given to the boys of the eighth grade and to those of the ninth as well. Some addition would need to be made to the salary of instructors in this case.

Besides this, I recommend that, under the direction of the teacher of drawing, some simple and inexpensive form of handwork that can be carried on at the pupils' desks be introduced.

Manual training work in the high school is somewhat different, and, as might be expected, is more advanced in its character. It will be better understood from the brief outline prepared by the head of the department in the English High School, and found in Appendix I.

Sewing. Sewing was introduced into our schools nineteen years ago. There were then two sewing teachers. The growth of the schools compelled the employment of a third teacher in 1900. The continuance of this growth has compelled the gradual reduction of the time given, so that instead of the sewing period being one hour in length, it now averages about three-quarters of an hour. Instruction is given in four grades,—the fifth, sixth, seventh, and eighth. The demands of the situation can be met in two ways,—first, by the employment of a fourth teacher of sewing; secondly, by dropping sewing out of one of the grades. The recent decisive vote of the School Board shows the first plan to be unattainable. The second plan, therefore, is the only one available. It is the opinion of the majority of the sewing teachers that the work now done in the eighth grade may be omitted with the least loss. Three years of instruction in sewing is as much as most cities and towns give. It covers all the fundamental essentials of the work that the girl needs to know. What is given in

the eighth grade is not new, but rather an extension or application of the work of previous grades. This modification of the course would enable the three sewing teachers now employed to give practically a lesson an hour long to all classes.

I recommend that this be done.

Medical Inspection. By the concurrent action of the Board of Health and the School Board made effective by a generous appropriation on the part of the Board of Aldermen, a systematic plan of medical inspection of the public schools was established on the first of January, 1907. The schools were divided into eight districts, the parochial schools constituting one of them. Eight physicians were employed at an annual salary of $200, each having a district in charge. Each school has been visited regularly on every school day, generally at an appointed hour. A bell signal indicates to teachers the arrival of the physician. Each teacher has previously made an examination of the members of her class, and sends all pupils that appear to be in need of medical attention to the principal's office. The physician examines each child, and makes such disposition of the case as he deems necessary, placing this one in quarantine, sending that one to his home with a blank advising parents to consult a physician, and sending another back to his schoolroom. There is now very little interruption to the ordinary work of the school. The chief trouble has been found in the failure of parents to return children to their schools promptly in case of quarantine. This results generally from a misunderstanding of the conditions. Parents are becoming familiar with the system, and are co-operating heartily with the medical inspectors.

The year has been marked by an unusually small number of cases of contagious disease. Whether this may be attributed in whole or in part to the work of the school inspectors, it is difficult to say. It is obvious, however, that the general health of school children has been unusually good during the year, and absence from sickness has been less conspicuous.

The following summary of the work of the medical inspectors is interesting as showing what has been accomplished. The general result of the plan has certainly justified its establishment and the expenditure which it has entailed.

The number of sick or defective children reported to date is 4,840. Number of children sent home, 2,062.

The cases are divided as follows:—

Specific infectious	81
Nose and throat	1,359
Eye	346
Ear	109
Skin (including pediculosis)	2,423
General	522

The efficiency of this work would be greatly increased by the employment of one or two school nurses in certain sections of the city who would follow up cases of children who are either quarantined or need special attention in their homes. The hygienic conditions there would be greatly improved and information given to parents that would be valuable, to say nothing of the amelioration of the conditions of the children. Twenty-four such nurses have been employed in Boston to supplement the work of the medical inspectors, and the success that has attended their labors has been such as to justify the appointment of an additional number.

I recommend that two such nurses be employed.

In this connection allow me once more to call attention to the subject of physical training. It is directly connected with the health of school children. Prevention of disease is better than its cure. A wider range and more time should be given to our instruction in physiology and hygiene, and statutory requirements more nearly fulfilled. Three-quarters of the modicum of time now allowed by schedule must be used in purely anti-tobacco and temperance teaching. There is much beside concerning the laws of health and its preservation that should be taught in the schools. Some knowledge should be given of the more important facts of physiology, that an intelligent idea may be had of the functions of various bodily organs. In addition to all this, there should be scientific physical exercise and training. This requires technical instruction that not all teachers are qualified to give. Hence the need, for a while, at least, of a general director of physical training. There is especial need along this line in the high schools for reasons that have been set forth in full in previous reports. It is possible for a director of high school athletics to take charge of the physical training in those schools. Mr. Cuddy, who managed our high school athletics so satisfactorily for many years, is now doing this combined work in Malden.

This important matter is recommended to your consideration.

Eye and Ear Tests. By act of the Legislature of 1906, every teacher in the state is required to test the sight and hearing of each one of her pupils once a year. For this purpose test cards are furnished by the State Board of Education, accompanied by full directions for the teacher and blank notices to be sent parents in cases where professional treatment is deemed necessary. On blanks provided for the purpose the name of each child and the result of the examination of each eye and of each ear are recorded. Under this enactment two tests of the sight and hearing of Somerville public school children have been made, one between September, 1906, and February, 1907, and the other from September, 1907, to December, 1907.

The results are tabulated below:—

EYES.

	1906.	1907.	Change.
Tested	11,270	11,255	—15
Defective	2,884	2,434*	—450
Per cent. defective	25.6	21.6	—4%
Notices sent to parents	2,083	1,171	
Professionally treated	527	168	

*Wearing glasses, 880.

EARS.

	1906.	1907.	Change.
Tested	11,527	11,786	+259
Defective	869	622	—247
Per cent. defective	7.5	5.3	—2.2%
Notices sent to parents	581	350	
Professionally treated	122	44	

With regard to the second test it should be said that in some classes notices are yet to be sent to parents, and it is too early to report the number professionally treated.

A study of the results of these tests is interesting. In 1906 25.6 per cent. of the eyes examined were found defective. In the second test 21.6 per cent. were found defective. This difference of four per cent. in the two tests must lead to one of two conclusions,—(1) there has been a marked improvement in the vision of children during the part of the year intervening between the two examinations, or (2) the tests are inaccurate. I am of the opinion that the second conclusion is correct. The tests have been made by different teachers and under different conditions. It is no easy matter to make an accurate examination of the eyes of fifty children. They must be tested individually and in a room by themselves, and the directions must be explicitly and uniformly followed. Much of this work must be done out of school hours. Most teachers are the merest amateurs in such business, and while in many cases their inaccurate work may be greatly to the advantage of pupils, it should by no means be deemed final. Aside from the immense amount of labor involved on the part of teachers, it seems to me that to be sufficiently effective the examination of all eyes and ears should be made by a single expert and under ideal conditions. The value, however, of this rough examination has been illustrated over and over again in the discovery of defects that were not suspected and by the application of remedies that have been of marked advantage. At least 600 cases have been professionally treated, and parents as a rule have gladly co-operated with teachers. There have been numerous instances, however, in which parents have been unable or unwilling to incur the expense attending examination and relief.

What has been said with regard to the eye test applies with nearly equal force to the test of hearing. While 7.5 per cent. of

defectives were found in 1906, but 5.3 per cent. were disclosed in 1907, an apparent improvement of 2.2 per cent. This apparent improvement may be accounted for in two ways,—first, the inaccuracy of the test, and secondly, many pupils have been treated by the school physician for adenoids and other throat diseases that have interfered with hearing. In many cases partial deafness has been wholly relieved. It still remains, however, to be said that the hearing test is much more difficult and more liable to inaccuracy than the eye test, for not only must there be the isolation of the pupil during the examination, but it must be done under conditions of absolute silence. The method prescribed requires more time in the case of an examination for hearing than for sight.

The "Instructions to Teachers" recommend that all pupils in a building should be tested for hearing by the same person. Some attempts have been made to do this by the principal or his assistant, but in general it is impracticable.

These tests are found by teachers to be a serious addition to their labors and an interruption to their regular work. Some of them are conscious, too, that this work, under the conditions under which it is done, is necessarily unsatisfactory.

The question naturally arises whether an annual examination of all children is needful. May not the test be limited in some way so that it shall be less burdensome?

Grammar Masters. I have heretofore urged that the principals of the larger schools be given increased supervisory duties by placing in their charge the smaller schools which are tributary to their own. In doing this we should be following the custom adopted by many other cities, and one which, judging from its continuance, works satisfactorily. These principals occupy positions which, if we should adopt the standard set up by our sister cities, are worth at least $2,000 a year. They are men and women of long experience, with professional training and an equipment that should qualify them for all branches of school work. The time they now spend in clerical duties, in distributing supplies, in looking after books, in testing eyes and ears, in managing the stamp savings business, in aiding the medical inspector, in teaching music, in receiving and escorting visitors may well be used in more important work, and these miscellaneous duties be turned over to assistants employed in part for such service.

One leading criticism of our schools made by the Mosely Commission was that we have altogether too little instruction by men. The most skilful instructors should certainly use their skill to the greatest extent possible. The more important subjects should be taught by them in the upper grades. The supervision of the work of other teachers in their buildings is now incumbent on them under the Rules. Into their schools come

pupils from outside buildings. They should readily assimilate. Their attainments should be uniform. The methods followed should be identical. Moreover the advantages enjoyed by teachers in the large buildings with masters at their head should be shared by other teachers, who welcome suggestions and need the stimulus of helpful daily visits from enthusiastic experts. Believing that this arrangement would in most, if not in all, cases be of decided advantage to the schools, I renew my recommendation that the work of masters be thus extended.

In this connection I wish to call attention to the need of an assistant in all buildings of eight rooms or more, who shall give her entire time to one building. The principal needs more freedom for helpful supervisory work, and an assistant besides teaching can care for the miscellaneous business of the office and have time to spend with backward children who greatly need special attention.

Teachers' Salaries. As the result of an active, though perfectly courteous and legitimate, campaign conducted by the women teachers employed in the elementary schools, an increase of $50 per year in salaries has been voted by the School Board to take effect at the beginning of the next fiscal year. This is but part of a movement that has extended throughout the country. Salaries have everywhere been increased. It is probable that the most prominent factor in this movement has been economic in character. The actual financial needs of teachers have been largely influential. The discussion has, however, accomplished more for the schools probably than it has for the teachers. The work of the teacher, the demands made upon her for professional training, upon her time, her nervous energy, as well as the general standard and attainment demanded by the twentieth century school, have been discussed by the public as never before. A clearer understanding of some educational matters has been reached. People are coming to realize more fully than ever before the value of the public schools and the dependence upon them of city and state for the promotion of civic welfare. The belief that larger expenditures and a broader extension of the work are required has been developed. The salaries of teachers have by no means reached their limit. If high standards are to be maintained, if men and women especially fitted by nature and education are to be attracted towards the teaching profession, the financial inducements must be increased. Somerville has been generous in the past and in its recent action, and is sure to reap the benefit that comes from increased efficiency and a more contented and enthusiastic service on the part of its teachers. We must be prepared, however, for larger expenditures. I know that it hardly seems possible to those who have charge of city finances that any larger proportion of the fund available for the maintenance of city institutions should be

spent for the schools. Good schools, however, are the leading factor in promoting the city's prosperity. It has been said repeatedly that people move to Somerville in order to give their children the educational advantages which the city furnishes. If this is true, they should be willing to pay for them. The value of every foot of real estate and every dwelling house is increased by the character of our schools and by every improvement made therein. This fact should be and probably is recognized by the assessors.

Why should schools cost more than they do now? First, because they are to grow better and broader in their scope. They are to meet the demands of new industrial, commercial, and social conditions. They will retain their pupils longer. The compulsory age of school attendance will be raised and child labor laws be modified.

Secondly, schools will cost more in the not distant future because fewer pupils will be assigned to a teacher. Mass instruction must be replaced by more individual teaching. The backward and abnormal child will receive greater attention. No teacher can do justice in these days to fifty pupils. In recognition of this fact classes are being gradually reduced to a teachable number. A reduction from fifty-six to forty-four is being made in Boston. The day is not far off when forty pupils will form a large class, and thirty-five or thirty be considered a good maximum. The average number given a teacher in Malden is thirty-four; Newton, thirty-one; Melrose, thirty-three and one-half; Brookline, thirty-four; and Springfield, thirty-five. Diminishing the size of classes twenty per cent. means an increase of twenty per cent. in the teaching corps. This will require six teachers where five are now employed.

The third reason for the future increased cost of schools will be found in the necessity of still further raising the pay of teachers. All cities that desire the best must pay the market price, and the market price will continue to rise so long as the demand exceeds the supply. Moreover, the great body of professional teachers, whatever may be said of those temporarily in the ranks, will never be contented with a salary that affords a bare personal maintenance. Nearly one-half of all teachers have others dependent upon them for support (53.3 per cent. is the actual ratio in Somerville), and this is a factor in the problem.

The chief factor, however, is connected with the provision for the teacher's support after the period of her efficient teaching closes. Either a teacher's salary must be such as to enable her to provide by her annual savings for comfortable maintenance during the inevitable period of retirement, or the promise of a public pension must relieve her of all anxiety in this respect. In either event there must be an increase in public school expenditure.

The Merit Plan of Salary Increase. This plan is being substituted in many cities for the one so long in use,—increase of salary based on length of service. It does away, in the first place, with the appointment of teachers based on political or personal consideration, for under it teachers are selected from a carefully-prepared merit list based on Civil Service principles. In the second place, it demands constant professional growth and increased efficiency while the teacher is rising by gradual steps from the minimum to the maximum salary. These objects are not only worthy, but essential to the best interests of the school. To what extent is the plan applicable or desirable in Somerville?

For years our teachers have been selected mainly by visiting them in their schools in other cities or towns and choosing only those of evident excellence. During my experience as superintendent, among the 436 teachers employed, I can now recall but ten instances where any other question than that of absolute fitness for the position has affected the appointment. There have been perhaps a half-dozen cases of misjudgment and failure on the part of the appointee to fulfill expectations. If we were sure that this method of choosing teachers would continue, no change would be desirable, but as the city grows, untoward influences and objectionable methods are likely to appear, and it may be well to safeguard the schools by the adoption of some plan that will render impossible appointment on any other ground than that of merit.

Theoretically the increase of salaries of Somerville teachers is based on length of service, a period of from two to eight years being required to pass from the lowest to the highest. The theory is founded on the assumption that every year of service renders the teacher more efficient. Practically, however, this theory has been applied in but few cases, for, having selected teachers of unquestioned efficiency, we have voted them the maximum salary at the outset. A few have started near the middle of the salary schedule. At the present time there are but twenty-one teachers in the city receiving less than the maximum salary of the position, fifteen of whom are employed in the high schools.

The recent increase of the salaries of grade teachers was voted without regard to the question of efficiency. It was rather based on the conviction that at least $700 is necessary to the comfortable maintenance of a teacher. Any system of increase of salary based on increase of efficiency would affect our present corps only with reference to a possible future increase. As I have elsewhere predicted, this increase is sure to come in the not distant future. Will a provision made at the present time for larger salaries, based on professional growth and improvement, tend to raise the standard and give us better teachers, and hence better schools? If so, it is worth making.

Some teachers are not especially influenced by financial considerations. They do not expect to continue long in the business, and hence their indifference. Others are working for conscience' sake, with high ideals and motives, with a love for their work, and with strong interest in those whom they teach. They are constantly reaching out for better things. Still others are ambitious of higher professional standing, and are alert in their efforts to secure it. The great majority, however, while rendering honest, faithful service, are amenable to the influences and advantages of larger salaries. They feel the need of the extra money, and may be stimulated to the effort necessary to obtain it.

So long as some increase in salaries must be made in the near future, why not offer it now as a reward for and a recognition of earnest effort to increase efficiency? There need be no "hard and fast" requirement of work to be done or examinations to be passed. Let it be understood that when salaries are again raised, those teachers will share the benefit who have made earnest efforts to add to their efficiency and have obviously increased their value as teachers. In other words, why not make salaries in the future commensurate with service?

The chief objection to the plan on the part of teachers is found in the apparent difficulty of securing just and unprejudiced judgment concerning higher qualifications. So many elements enter into the making of a good teacher, so various are the lines in which improvement may be made, so difficult is it to learn all that a teacher has done, so hard is it to read motives, and recognize difficulties, and measure attainments, so rare is it to find critics wholly unprejudiced, that teachers fear to trust the working of the plan.

Another objection is that present demands upon teachers so occupy their time and exhaust their strength that they cannot do what might be expected in the line of study. Still another is found in the expenses incident to summer schools and college courses. While there is force in these and kindred objections, they are not necessarily insuperable. There are just judges and inexpensive ways of self-improvement.

The merit plan is in the line of progress. It means ultimately better service, the elimination of unworthy teachers, and the raising of professional standards and remuneration in a way to attract and hold those best fitted for the great work of teaching.

I recommend it to your consideration.

The Tenure of Office of Teachers. In 1886 the Legislature enacted a law that the School Committee may elect a teacher who has served as such in the public schools of its city or town for not less than one year to serve as such at the pleasure of the Committee.

The object of this enactment was to give some degree of permanence to a teacher's tenure, and render annual elections needless. At the present time rather more than one-third of the teachers of Massachusetts are serving under the provisions of this act. The arguments offered in favor of a permanent tenure for teachers are: That where the custom has been adopted it meets the hearty approval of school officials; indefinite tenure is preferred by all teachers who have worked under it; its tendency is to make teachers permanent residents of the city or town and to lead them to enter more heartily into the life of the community; it removes one element of anxiety from the teachers; it is taken by them as an evidence of confidence on the part of their employers, and inspires them to render their most efficient service.

The adoption of the act does not deprive the Committee of its right to discharge a teacher summarily. Where the method is adopted it is customary to provide for a probationary or temporary service of two or three years, and if found satisfactory the name of the teacher is placed upon a permanent list. Sometimes this is done by special vote. If there is a falling off in efficiency, the name of the teacher may be transferred to the temporary list, after a suitable notice. At the same time, the advance in salary may be temporarily suspended.

On this subject Secretary Martin, of the State Board of Education, says in a recent report: "The obligations imposed upon teachers are too heavy, and the drain upon their vitality too great to make it wise to subject them to the anxious suspense attending annual elections. They have a right to feel secure in their positions so long as they are fulfilling their obligations, and there is neither justice nor good sense in subjecting them to an annual round-up, with its attendant publicity."

I recommend that a simple rule be adopted which shall secure to teachers and schools the advantages accruing from a permanent tenure of office.

Backward Children. A thousand pupils in the upper eight elementary grades are repeating the work of last year. Another thousand, promoted on trial, are struggling to maintain a satisfactory standing. Only three out of every four received an unconditional promotion in June.

Inquiries show that out of every hundred pupils in the present ninth grade, in June two will have completed the elementary school course in seven years, twelve in eight years, fifty, or one-half, in nine years, twenty-nine in ten years, and seven will have taken eleven years. The average time will be nine years, three months, and the age at graduation will be fifteen years. These conditions are not peculiar to Somerville. They exist in greater or less degree in other cities. Cambridge has for years had an excellent skipping system, which gives every advantage to the

brighter pupils, and yet for the last five years the time taken by graduates as a whole to complete the course averages nine years, one month. In Providence in 1905 fifteen and one-half per cent. of all grammar school pupils repeated the year's work.

Why is it that so large a percentage fail to go through the schools in the allotted time? The following are suggested as reasons, no attempt being made to give them in order of their importance:—

Sickness and other enforced absences; physical defects of sight, hearing, throat, or nerves; abnormal mental equipment; natural slowness in all mental operations; outside interests; indifference to school that teachers cannot overcome; studies that fail to attract or interest; natural defects along the line of some one subject; a curriculum too full for the unscholarly; classes too large to allow individual instruction; a natural tendency on the part of teachers to work along lines of the least resistance.

Probably no complete remedy can be found for this state of things, but surely something may be attempted by way of relief. A physical examination by experts will show how certain defects may be remedied by parental action. Outside interests that distract may be controlled by the same authority. The requirements of the course of study may be modified for these pupils. Indeed, for all classes we should emphasize the essentials and ignore details that now absorb too much attention; teach principles and fundamentals without attempting to present every remote application of them. We can avail ourselves of the well-recognized psychological law that the dull and slow of intellect are stimulated and helped by motor activities. We can cease forcing all the children through the same mould. Uniform attainments should not be insisted upon. Superiority in one study should compensate for deficiencies in another. Shorter promotion periods and double the number of grades would greatly relieve the situation, but there is no room at the top, and promotion in crowded classes can be made only as often as graduates are admitted to high schools.

Undoubtedly the chief obstacle on the part of pupils is the natural indifference to all school interests. The chief obstacle on the part of the system is the large classes which are enforced by our lack of conditions. We have seventy-six classes with an average of nearly fifty pupils. Mass instruction becomes imperative and individual instruction well-nigh impossible. We have made some use of the Batavia plan, so-called, but with meagre success for this reason. Teachers must have time to study the individual child, find his weaknesses, and get next to him in order to awaken and develop his latent powers. The available remedy that would be most effective lies in the employment of extra teachers, at least one to every 300 grammar pupils, teachers of experience and skill, kind and sympathetic, who

should give their whole time to the instruction of these needy children. Such instruction would save many a child the wasteful prolongation of his school course. This was illustrated by the success of the summer school provided by the Y. M. C. A. in July and August last, and attended by fifty boys who successfully made up deficiencies and strengthened their position in school.

In the long run, if we cut down the number of repeaters, there would be a financial gain. Every child's education costs the city $30 a year. A year for each 500 repeaters costs $15,000, a sum sufficient to pay for twenty extra teachers.

This subject is surely worthy of attention, and I trust that some effort will be made in the interests of this submerged tenth.

School Books. There are at the present time in the twenty-six schools 150,000 school books, which have cost the city about $70,000; 24,000 of these are in the high schools. This does not include 1,684 reference books in the English School library, nor about 200 in that of the Latin School. Twelve thousand books have been destroyed during the year, a few on account of contagious diseases, but chiefly because worn out. Fourteen thousand two hundred and ten books have been re-bound. This is nearly three times the annual number. This results from an attempt to re-bind before books become so badly worn as to render re-binding inexpedient. Fifteen thousand new books have been purchased. The care and renewal of text-books is an important matter. The life of a book varies from two years to ten, according to its character and to the usage it receives. Many books are discarded because too badly soiled for further use. In some schools probably too rigid economy has been practiced, and there are books in use that never should have been re-bound. They bear too distinctly the soil of usage.

It will be seen that we have an average of twelve books for each child in the schools. This unnecessarily large number comes chiefly from the multiplicity of reading books in the elementary schools, of which there are 55,000, or more than ten for each child. This number of reading books has been accumulating for years, new books being added to the list before those previously in use are worn out. It would be well to have a revision of the reading-book list and some disposition made of those that appear to be useless. The management of the text-book supply demands more attention from headquarters than can under existing conditions be given. Several of the school buildings erected before the day of free text-books are without suitable book-rooms. While teachers are alike in their good intentions, they differ materially in the oversight of school books and in their judgment regarding their renewal. I am sure that a more direct supervision of books and other school supplies and their use would be in the line of economy.

A statement of books in the various school buildings will be found in Appendix I.

Administration. Somerville has doubled its population within twenty years. The methods and the force employed in the conduct of public business in a city of 35,000 are inadequate and ill-adapted to one of twice that size. This is as true in the administration of school affairs as in that of any other department. Nevertheless there has been no material change in methods nor increase in the supervisory or administrative force during this period. This matter has been called to your attention before, but I wish to present it for your consideration once more, solely in the interest of the public service and with the personal element wholly eliminated.

There are two completely different departments of school administration which may and should be kept separate and distinct. One has to do with the material interests of the schools, and the other with their purely educational side. One concerns the all-important work of the teachers in the schools, and the other is connected simply with their machinery. By far the most important part of this administrative work is that of supervision and superintendence. It requires all a man's time and thought and energy to select suitable teachers, to arrange courses of study, to make a proper classification and distribution of pupils, to adjust differences with parents, to visit 300 schoolrooms, to direct and stimulate and reform the work of teachers, to keep in touch with educational movements, and to perform the many other duties that are legitimately his.

On the other hand, there is the business side of school administration. This involves the purchase and care of books and supplies of all sorts, the keeping of accounts, the making of payrolls, the cataloguing of pupils, the matter of truants, the issuing of labor certificates, the licensing of newsboys, the annual inventorying of books and their re-binding, the preparation of statistics for state and national authorities, the keeping of records of Board meetings and of sub-committee meetings, and other miscellaneous duties. All this work and the responsibility therefor should be transferred from the Superintendent to some competent man. He should be made the secretary of the Board, leaving the Superintendent free to take part in its deliberations and discussions. This would, of course, require an amendment of the City Charter, other defects in which must ere long be remedied.

The reorganization of the administrative department of the schools along some such lines as these, my judgment, confirmed by my experience, tells me would conserve both the financial and the educational interests of the city in a marked degree.

Recapitulation. In reviewing this report I find that it contains an unusual number of recommendations. Further consideration of them, however, leads to the conviction that their adoption is largely a matter of time. If they could be made at once the schools would be greatly benefited.

These recommendations are here recapitulated: (1) changes in vacations to lengthen the school year; (2) the extension of high school accommodations by additions in the rear of the English Schoolhouse; (3) the suspension of all kindergartens that force primary pupils into the streets for half a school day; (4) the enlargement of the Perry Schoolhouse; (5) the erection of a twelve-room building on the city ledge lot in Ward Seven; (6) the employment of additional teachers in the Latin School; (7) the non-curtailment of the evening school year; (8) the awakening of public interest in playgrounds for children; (9) additional light for four of the older buildings; (10) the substitution of adjustable furniture for that now in use; (11) the employment of an additional truant officer; (12) the extension of manual training, to include the eighth and ninth grades; (13) the omission of sewing instruction in the eighth grade; (14) the employment of two nurses in connection with the medical inspection of schools; (15) the employment of an instructor of physical training for the high schools; (16) the extension of supervision by grammar masters, to include the smaller schools; (17) the gradual reduction of the number of pupils assigned a teacher; (18) consideration of the merit plan of salary increase; (19) the election of teachers on permanent tenure; (20) the employment of extra teachers for backward children; (21) changes in the methods of school administration; (22) provisions for a sabbatical year for teachers.

Changes of Fifteen Years. The school property of Somerville has a valuation two and one-quarter times as large as in 1892. School accommodations have been increased seventy-two per cent. This has been brought about by the enlargement of six buildings, the Latin, Knapp, Glines, Forster, Bingham, and Burns Schoolhouses, and by the construction of eleven buildings,—the Durell, English, Hodgkins, Carr, Hanscom, Perry, Baxter, Brown, Lowe, Bennett, and Proctor Schoolhouses, the remaining nine of the present twenty-six buildings being unchanged. Eight antiquated wooden buildings have been destroyed or abandoned. They are the Bennett, Jackson, Prospect Hill, Harvard, Spring Hill, Beech Street, Cedar Street, and Webster, containing twenty-four rooms.

The number of pupils in the grammar and primary schools has increased sixty per cent., and the number of teachers slightly more, sixty-three per cent. The number of grammar school graduates is ninety-six per cent. larger in 1907 than in 1892, showing that a relatively larger number of pupils remain to

graduate. The increase in the cost of instruction for these schools has been twenty-one per cent. This is due to an increase of $50 in the salaries of grade teachers in 1900 and to the employment of additional masters, higher-priced principals, supervisors, and kindergarten teachers.

The number of pupils in the high schools has increased 188 per cent., the number of graduates 179 per cent., and the number of teachers 339 per cent. The cost of instruction is 412 per cent. more now than it was fifteen years ago. The per capita cost of instruction has increased seventy-eight per cent. This increase is due to a reduction in the number of pupils assigned to a teacher from forty to thirty, by the employment of a relatively larger number of men, and by a general increase in salaries.

The valuation of the city has increased ninety per cent., while the expenditure for school maintenance is 144 per cent. more than it was fifteen years ago, showing that our school expenditures have increased more rapidly than our ability to meet them. The cost of the care of schoolhouses has increased 123 per cent. This corresponds very nearly to the increase of 124 per cent. in the value of these buildings.

Personal. In August next I shall have completed fifty years of school work and an uninterrupted service of thirty-five years in Somerville, the last fifteen of which will have been spent as superintendent of schools. For a long time I have felt entitled to a release from responsibilities and labors which grow more exacting and burdensome year by year. This feeling having become a settled conviction, I shall not again be a candidate for election as superintendent, but shall retire from service at the expiration of my official year, August 31, 1908. I realize that this determination will sunder ties that have become very strong and sever relations that have always been exceedingly pleasant.

In this final report I wish to acknowledge my indebtedness to the members of the various School Boards with whom it has been my good fortune to be associated for the courtesy, forbearance, and support which they have uniformly accorded me, and to assure them that I shall always recall their kindness with grateful pleasure.

To those with whom I have been more intimately connected as co-workers, and to whom far beyond all others whatever excellence and influence the schools may have had are due, the supervisors, principals, and teachers, I am under the deepest obligation. Greater loyalty, more earnest co-operation, a heartier service there could not be. The remembrance of their unvarying fealty and constant consideration will always awaken feelings of the deepest gratitude.

To the citizens of Somerville who have so long honored me with their confidence and good will, and whose generosity and

influence have done so much to promote the educational interests of the city, I tender most hearty thanks.

The aim of our schools has always been to qualify for honest, useful, and happy living; to lay deep and strong the foundation of business integrity and success; to give culture and refinement, and an appreciation of what is true and worthy in art, literature, and life; to cultivate the spirit of civic loyalty and service; to develop a citizenship that shall maintain the honor and promote the highest interests of the city and the state. With these aims still in mind and at heart, let home, church, schools, the press, all agencies that make for intelligence and righteousness clasp hands in constant striving for what is best, and the future honor and prosperity of our city and the happiness of its people are permanently assured.

Respectfully submitted,

G. A. SOUTHWORTH.

December 27, 1907.

APPENDIX I.

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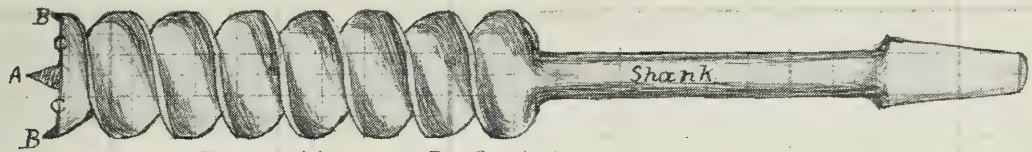
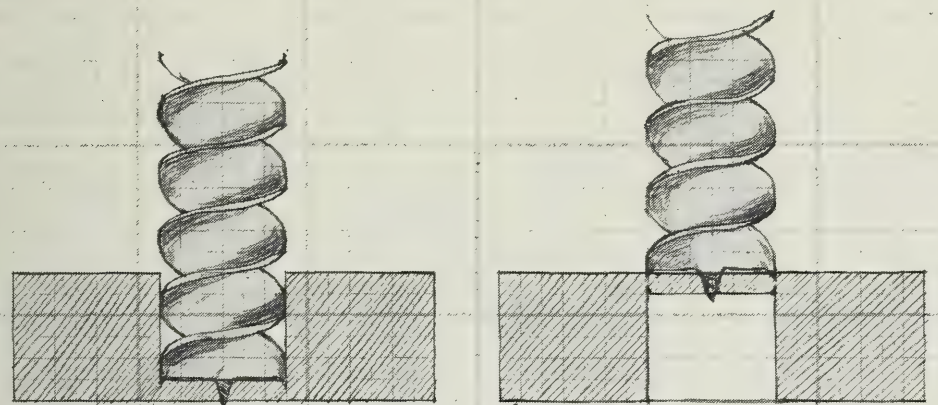
Bits

There are many varieties of bits, among them the auger-bit, twist-bit and the gimlet bit The auger bit is the one most commonly used.



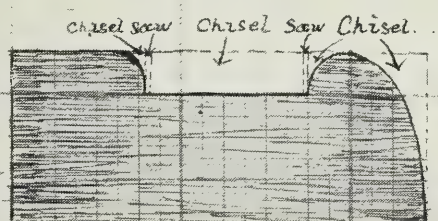
A-Spur. B-B-Nibs. C-C-Lips.



All holes must be bored from both sides. to prevent splitting on the under-side.

Book-Rack

Two pieces of stock. Finish base out of one piece then mark out ends on the other. Groove in the base to be cut to the line with the back saw and chiseled from both sides. Ends to be sawed and chiseled as shown.



HIGH SCHOOL MANUAL TRAINING.

The high school of to-day has become such a prominent feature in education that it should be as broad and far-reaching in the course of study as is possible.

Only a few years ago courses were planned with distinct partiality to the small number of pupils who were to continue their studies beyond the secondary school. During the last few years, however, many new subjects, in approval of which educators have been unanimous, have been added, in order to meet the needs of the great number of pupils whose schooling is to end at the completion of the high school course. It is self-evident that our duty is to prepare young men and women for life as far as lies within our power, knowing that the value of their life work depends largely on the choice of a proper vocation.

So commercial and manual training courses have gained a footing because of their strong educational and practical features.

Manual training creates power, physical, mental, and moral, and the high school has unlimited possibilities along this line of education, if carried on with the idea constantly in mind of never losing sight of the educational side of the subject.

To obtain a high standard of efficiency these things should be made prominent: (1) The teacher should thoroughly understand and appreciate the educational principles in such work; (2) the work should be laid out so that it can be thoroughly appreciated by the pupil; (3) and the material results should in every way represent the pupil's own efforts.

With these several ideas firmly impressed upon us, we are undertaking to make manual training productive of the best results. In the first place we substitute for the word "shop" the word "laboratory," for we are doing our work as thoroughly as is done in any of the other laboratory subjects. One illustration of our laboratory method is the using of notebooks in which are worked out the principles of construction and the uses of the many tools. This notebook is also of great value to the pupil because many things incidental to the subject at hand are taken up, such as the study of timber, how and where it grows, the kind of soil it requires, etc. (See specimen page of notebook.)

At the present time our manual training follows a two-years' course, to which are devoted six periods each week, or, in actual time, four hours, twelve minutes, with an additional three periods, or two hours, six minutes, for mechanical drawing, this drawing being compulsory for pupils electing this course.

The time during these two years is divided between the several subjects as follows:—

FIRST YEAR.	Weeks.	SECOND YEAR.	Weeks.
Joinery	27	Wood turning	19
Clay modeling	4	Pattern making	17
Wood carving	9	Foundry practice	4

First Year Course. Although the term "joinery" is used to describe our first year wood work, it does not begin to explain the number or nature of processes which have to be worked out by the individual pupil. Beginning with the study of simple measuring and marking, he works his way through the following steps: sawing, planing, boring, laying out of curves, construction of different kinds of joints, such as the halved, mortise and tenon, dovetail and glue joints, and lastly, the construction of some project requiring the assembling of several parts,—such as a chair or table.

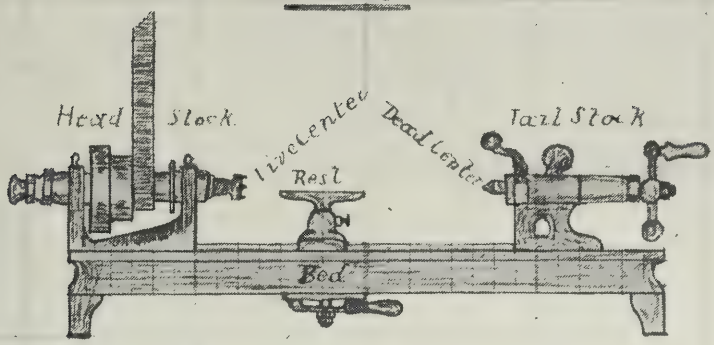
Clay modeling as done in connection with the other work in this department acts as an aid to the carving, in that it trains the eyes and fingers to recognize form and relief. It is one of the strongest factors in connection with a manual training course in that it develops to a greater extent than any other subject the artistic as well as the manual sense. In this course each pupil makes a model of a cube of conventional and natural leaves, and an original tile from which he makes a plaster mould and cast.

After modeling with clay, the pupil turns to modeling in wood; i. e., wood carving. This is started in the simplest form by chip carving, and after that the different styles of carving follow.

Second Year Course. The second year starts with a very different line of work, in that it gives the pupil his first insight into the use of machinery, for in wood turning he must use the lathe. This work is begun by first giving a careful explanation of the lathe and then requiring full explanatory notes and drawings from the pupil. After this preliminary knowledge, the pupil proceeds with the course prescribed, cutting straight and taper cylinders, making oblique, concave, and convex cuts, and demonstrating the use of the skew chisel, gouge, and parting tool. Screw chuck and face plate work are also given, taking the form of a finished exercise, such as the candlestick, which is completed even to its polishing on the lathe.

The next division of the course, pattern making, brings the pupil nearer to the industrial idea than any one of the subjects thus far treated, and the training in accuracy, craftsmanship, and clear thought is of the very highest order. At the beginning, the pupil is taught an appreciation for labor by a thorough explanation of what the term "pattern maker" means, and led to see the accurate knowledge of drawing, geometry, and advanced mathematics which such a trade requires.

Lathe.



Parts of the Lathe.

- Head Stock
  - Bearings.
  - Cone Pulley
  - Spindle.
  - Live Center
  - Face Plate.
  - Screw Chuck.
- Rest.
  - Slide
  - Tool Rest
  - Clamp Handle.
- Tail Stock
  - Spindle
  - Screw
  - Crank
  - Clamping Lever.
  - Dead Center
    - Cup center
    - Cone center
- Bed.
  - Shears.
  - Bed.

The lathe is driven by a belt from the counter-shaft and the counter-shaft by a belt from the main shaft. The speed of the lathe for small work should be at least 2000 revolutions per min.

The course itself includes the making of different styles of patterns, such as the two-part pattern, and patterns that require core prints or wired pieces, with special thought regarding the draft, shrinkage, and finish of the castings made from such patterns.

Accompanying this pattern work is a course in foundry practice. This gives the pupil an opportunity, first to understand the use and value of a pattern and to realize the importance of draft, and second, to teach the practical side of the work in the actual making of metal castings. During the work on moulds the use of the flask, rammer, sprue, slickers, gate cutter, and trowel are all taught in their proper places, together with the use of green sand and baked cores.

This outlines the course as it exists at present. We could do vastly more for our pupils, however, if a four-years' course could be established to include forging and machine tool work for the boys and domestic science for the girls. What we need in this city is not a separate industrial school, but such accommodations and extension of this department as will enable us to cover thoroughly the subjects ordinarily taught in a school of this size.

FREDERICK O. SMITH.

Head of Manual Training Department, English High School.

AMENDMENTS TO THE RULES OF THE SCHOOL COMMITTEE.

MADE SINCE THE PRINTING OF THE LAST EDITION OF THE RULES.

Regulations for Licensing Minors Under Fourteen Years of Age.

SECTION 167. No minor under the age of fourteen years shall, in any street or public place of the city of Somerville, work as a bootblack, or sell or expose for sale any books, newspapers, pamphlets, fuel, fruits, provisions, ice, live animals, brooms, agricultural implements, hand tools used in making boots and shoes, agricultural products of the United States, or the products of their own labor or the labor of their families, unless he has a minor's license issued to him by the superintendent of schools of said city, for so working or for so selling said articles, nor unless he complies with the terms of said license.

SECT. 168. The principal of the school in which a minor under the age of fourteen years is a pupil shall receive the application, in duplicate, of the parent or guardian of such minor, or next of kin, for a license for such minor to work as a bootblack, or to sell any or all the articles enumerated in the preceding section, and shall forward the same to the Superintendent of Schools, accompanied by the certificate of the teacher in whose class said minor may be, and of the said principal, that such minor is an attendant at such school and that they approve of the granting of a license to said minor. When the Superintendent authorizes the issue of a license, he shall return to said principal one of said duplicate applications, for filing, retaining the other, and shall issue said license to such minor authorizing said minor to go about from place to place in the city of Somerville and on the sidewalks in said city to sell newspapers, or to work as a bootblack, or in the streets and other public places in said city to sell any or all of the other articles enumerated in the preceding section, and shall provide such minor with a suitable badge, for which a charge of twenty cents shall be made. Every such license shall be issued and accepted on the condition that the minor shall comply with the conditions of his license as contained in the following section, and said section shall be printed in the license.

SECT. 169. The minor shall conform to the statutes and the Regulations of the School Committee of Somerville; shall, so long as he continues under the age of fourteen years, attend, during every session thereof, one of the public schools, or some regularly established school in the city of Somerville; shall surrender his license and badge when notified that his license has been revoked, to the principal aforesaid, who shall return the same immediately to the Superintendent; shall not transfer or

lend his license or badge, nor furnish any unlicensed minor with newspapers or other articles to sell; shall not sell newspapers in or on any part of the street other than the sidewalk; shall not sell newspapers in or on a street car, nor, except on the days of national, state, or city elections, after 8 o'clock in the evening; shall not work as a bootblack, or sell newspapers, unless he is over eleven years of age; shall not sell any other article than newspapers, unless he is over twelve years of age; shall not at any time, while engaged in working as a bootblack, or selling articles in public places, congregate with other persons, nor make any unnecessary noise, nor in any way disturb or annoy persons as they pass, nor cry their papers on Sunday, nor occupy any stand with any other person, nor allow any unlicensed minor to assist or accompany him, nor allow idle persons to assemble or congregate around him, or around any stand occupied by him, nor so work or sell in any place other than that specified in his license, when a place is so specified, nor at any time, while so working or selling, fail to wear conspicuously in sight the badge furnished to him by said Superintendent, nor fail to exhibit his license to any police or other officer of said city if requested by him to do so. The Superintendent may suspend or revoke said license upon the violation of any of the conditions thereof, and the minor shall surrender his badge and will be subject to a fine.

AMENDMENTS CONCERNING THE EMPLOYMENT OF CADET TEACHERS ADOPTED DECEMBER, 1906.

SECTION 170. Before the opening of the schools in September of each year the Committee on Text-Books and Courses of Study shall nominate for election by the Board not more than twelve women who shall be designated as cadet teachers, to serve for one year following their appointment, at a salary not to exceed $200 per year each.

To be eligible for the position of cadet teacher, the candidate must be a graduate of one of the Somerville high schools, and also a graduate either of some state normal school or of some college having pedagogical courses, one or more of which courses the candidate must have taken.

SECT. 171. The cadet teachers shall be assigned by the Superintendent to an equal number of elementary schools, and the assignments shall be changed at the end of each term of thirteen weeks, so that by the close of the school year each cadet teacher will have practiced under the direction and observation of three different principals in three different school buildings.

Cadet teachers shall receive guidance, instruction, and criticism from the principals of the schools in which they serve, render assistance to class teachers or to individual pupils, and when-

ever possible act as substitutes in the absence of regular teachers. They shall receive no increase of pay when acting as substitutes.

SECT. 172. Such of these cadet teachers as secure the recommendation of three out of four of the following officials: the three principals under whom they have served during their cadet year and the Superintendent of Schools, shall be eligible as grade teachers.

The following amendments to the Rules were adopted December, 1906:—

On page 6, insert as the twenty-first standing committee "(21) On Medical Inspection."

On page 12, add as Section 32b the following:—

SECTION 32b. The Committee on Medical Inspection of the schools shall advise and co-operate with the Board of Health in all matters pertaining to the medical inspection of the schools. They shall see that all orders and requests of said Board are properly executed by teachers. The annual test of the sight and hearing of pupils required by Statute shall be made by teachers under direction of this committee.

The following sentence was added to Section 80 of the Rules:—

They shall see that fire drills are practiced in their respective buildings at least once in every two weeks, provided that the weather conditions are suitable.

Section 44 of the Rules was amended by making the first sentence of the second paragraph to read as follows. Adopted April, 1907:—

He shall annually publish and send to each member of the Board a complete list of all books, charts, maps, and globes with the number of each kind belonging to the city.

SCHEDULE OF SALARIES AS ESTABLISHED JANUARY 1, 1908.

	Year.	1	2	3	4	5	6	7	8	9
Teachers in High Schools.	Head Master	$2,300	$2,400	$2,500	$2,600	$2,700	$2,800	$2,900	$3,000	....
	Master	1,800	1,850	1,900	1,950	2,000	....	....	....	....
	Sub-Masters	1,000	1,200	1,300	1,400	1,500	1,600	1,700	....	....
	Junior Sub-Masters	1,000	1,050	1,100	1,150	1,200	1,250	1,300	....	....
	First Assistants	1,000	1,050	1,100	1,150	1,200	....	....	....	....
	Second Assistants	900	950	1,000	....	....	....	....	....	....
	Third Assistants	650	700	750	800	850	900	....	....	....
	Fourth Assistants	As may	be dete	rmined	by vote.	....	....	....	....	....
Teachers in Elementary Schools.	Masters	$1,500	$1,550	$1,600	$1,650	$1,700	$1,750	$1,800	$1,850	$1,900
	Masters' Assistants	700	725	750	775	....	....	....	....	....
	First eight grades	300	375	450	525	600	650	700	....	....
	Ninth grade	625	650	675	700	725	....	....	....	....
	Head Kindergartners	300	375	450	525	600	....	....	....	....
	Assistants not in charge of room	200	275	350	425	....	....	....	....	....
	Principals, 12-room buildings	800	850	900	950	1,000	....	....	....	....
	Principals, 10-room buildings	750	800	850	900	950	....	....	....	....
	Principals, 8-room buildings	750	800	850	900	....	....	....	....	....
	Principals, 6 room buildings	725	775	825	....	....	....	....	....	....
	Principals, 4-room buildings	675	725	775	....	....	....	....	....	....
Special Teachers.	Teachers of Music in high school and upper grammar grades	$1,200	$1,300	$1,400	$1,500	$1,600	$1,700	....	....	....
	Supervisor of Music in lower grades	700	800	900	....	....	....	....	....	....
	Supervisor of Drawing	700	800	900	1,000	....	....	....	....	....
	Supervisor of Penmanship	800	900	1,000	1,100	1,200	1,300	$1,400	$1,500	....
	Sewing Teachers	500	550	600	650	700	....	....	....	....
	Manual Training Teachers	1,100	....	....	....	....	....	....	....	....
Miscellaneous.	Temporary Substitutes in grades below the ninth	$1.50	to	$2.50	per day.	....	....	....	....	....
	Temporary Substitutes in high schools, ninth grades, or for principals	....	....	3.00	per day.	....	....	....	....	....
	Substitutes for Masters or Sub-Masters	....	....	5.00	per day.	....	....	....	....	....
	First Truant Officer	800	900	1,000	1,100	....	....	....	....	....
	Second Truant Officer	50	....	....	....	....	....	....	....	....
	Superintendent of Schools	2,200	2,300	2,400	2,500	$2,600	$2,700	$2,800	$2,900	$3,000
	Superintendent's Clerk	600	650	700	750	....	....	....	....	....

ORGANIZATION OF SOMERVILLE SCHOOLS.

Information concerning our schools is frequently sought by citizens or by educators in other localities. Following are the principal facts concerning them:—

Kindergartens. The city supports four kindergartens, in the Hanscom, Bennett, Baxter, and Glines Schools. Vaccinated children between four and five years of age are admitted to the kindergarten nearest their residence during the months of September and April, and may remain until the July following their fifth birthday. Sessions from 9 to 11.45.

Head kindergartners receive $600. One trained assistant is allowed when the number exceeds thirty, at a salary of $275, $350, or $425, according to experience. Kindergarten teachers give five hours daily to their work, the afternoon being employed in visitation, preparation, mothers' meetings, and the like.

Primary Schools. Our elementary school course covers nine years, the first three of which are spent in primary schools. We have one exclusively primary school building, the ninety-three primary classes being distributed among twenty-three schoolhouses.

Vaccinated children five years of age, or who will reach that age on or before the first day of October, are admitted during the month of September only, provided they have never attended school before. Children able to enter existing classes will be admitted at any time. Applications for admission should be made to the principal of the school.

Only trained or experienced teachers are employed, the salaries being $300, $375, $450, $525, $600, $650, or $700, according to length of service. Normal training is equivalent to a year's experience, and experience in other places may be counted in determining salary.

Teachers of any grade, with classes numbering fifty, are allowed an assistant at the option of District Committees, who is paid $200, $275, $350, or $425, according to years of service.

Grammar Schools. The grammar grades are found chiefly in twelve large buildings, of twelve or more rooms each. The course covers six years, and includes only those studies which the statute requires, with the addition of music, sewing, elementary science, and sloyd manual training in the two upper grades.

The salaries of grammar school teachers are the same as those of primary teachers. Masters are paid $1,900, and their assistants $775. Other ninth-grade teachers are paid $725. Principals of smaller schools receive $775, $825, $900, $950, or $1,000.

Promotions. Promotions in all grades, from the first to the thirteenth, are made in June by the regular teacher and the prin-

cipal, with the approval of the Superintendent and district committee. They are based on the estimate of the pupil's daily work made by the teacher and recorded bi-monthly. An occasional brief, unannounced, written test is a factor in this estimate.

Where there is reasonable doubt of a student's fitness, he may be promoted on a trial of three months. In such cases the parent is notified and kept informed of his child's progress. At the end of this probationary period he may be returned to his former grade, provided it seems for his interests. In 1907 eleven per cent. of those promoted on trial fell back.

Children capable of more rapid advancement may be promoted one or more grades at any time. Forty-nine were thus promoted in 1907.

Fitness for graduation or for admission to the high schools is determined in precisely the same way. Diplomas are given in grammar and high schools to those who have satisfactorily completed full courses.

Latin High School. In September, 1895, in the forty-third year of its existence, the Somerville High School was divided, the classical, or college preparatory, departments remaining in the old building, erected in 1872, and the English departments occupying a new building, erected in 1894-'95.

Some facts concerning the Latin School are presented in the following table:—

School Year.	Average Number Belonging.	Number Entering.	Graduates.	Cost of Instruction.	Per Capita Cost.	Teachers.	Pupils to Teacher.
1895-6	257	69	50	$11,702	$45.57	9	28.6
1896-7	262	81	51	11,840	45.19	9	29.1
1897-8	273	86	55	11,921	43.67	9	30.3
1898-9	264	78	51	11,935	45.21	9	29.3
1899-0	245	65	48	12,491	50.98	9	27.2
1900-1	271	104	56	12,676	46.74	9	30.0
1901-2	314	114	56	12,583	40.13	10	31.4
1902-3	358	125	46	14,170	39.58	11	32.5
1903-4	398	122	73	16,104	40.46	13	30.6
1904-5	411	138	76	16,566	40.31	13	31.6
1905-6	431	135	81	16,991	39.42	14	30.8
1906-7	425	122	75	19,243	45.20	15	28.5

The object of the school is, primarily, to furnish a suitable preparation for those pupils who desire to pursue either a regular or a special course of study at higher institutions of learning, but the school is open to all pupils who wish to take the courses of study offered.

The regular time for completing the course is four years. Pupils, at the request of their parents, can make the work of each year easier by taking five years for the course. Those who are capable, and have good reason for shortening the time of preparation, are allowed to complete the course in as short a time as their ability will permit.

Graduates of grammar schools are admitted to either high school on presenting a certificate of qualification signed by a master. All other pupils are admitted by an examination in grammar school studies, given usually on the day preceding the opening of the schools in September.

The tuition for non-residents is the per capita cost for the year, payable in advance. The sessions of the school are from 8.30 to 1.30. The salaries paid high school teachers range from $900 to $1,200 for women and from $1,000 to $3,000 for men.

COURSE OF STUDY IN THE LATIN HIGH SCHOOL.

FIRST YEAR.—CLASS I.

Latin.—First lessons, with translation of easy Latin prose, and introduction to Caesar.

Mathematics.—Elementary algebra through quadratic equations.

History.—Ancient history, with historical geography.

English.—Introduction to English literature, with special study of works of American authors. Rhetoric and English composition.

Elective Drawing.

SECOND YEAR.—CLASS II.

Latin.—Easy Latin prose, with four books or less of Caesar's Gallic War. Latin prose composition.

Mathematics.—Plane geometry.

English.—English literature, including part of the works prescribed in the requirements for admission to college. Rhetoric and English composition.

One of the three following languages:—

1. *Greek.*—First lessons, with translation of easy Greek prose and introduction to Anabasis.
2. *German.*—First lessons, with translation of easy German. German conversation and written composition.
3. *French.*—First lessons, with translation of easy French. French conversation and written composition.

One of these languages may also be *elective.*

Elective Drawing.

THIRD YEAR.—CLASS III.

Latin.—Selections from Sallust, Nepos, Caesar, and Ovid. Aeneid, four books. Cicero, three orations.

Mathematics.—Algebra reviewed and completed to satisfy the requirements for admission to college.

History.—History of Greece and Rome. Ancient geography.

English.—English literature, including part of the works prescribed in the requirements for admission to college. Rhetoric and English composition.

Elective Physics.—Elementary principles, with experiments and a course of laboratory exercises Friday afternoons during the year.

One of the three following languages:—

1. *Greek.*—Selections from Anabasis, Hellenica, and other Greek prose. Greek prose composition.
2. *German.*—Translation of German prose and poetry, with conversation and written composition. Grammar.
3. *French.*—Translation of French prose and poetry, with conversation and written composition. Grammar.

One of these languages may also be *elective.*

Elective Chemistry.

Elective Drawing.

FOURTH YEAR.—CLASS IV.

Latin.—Aeneid, five books. Ovid, 2,000 lines. Cicero, six orations. Latin prose composition.

Mathematics.—Review of plane geometry, with original demonstrations and solutions of problems. *Elective* solid geometry.

English.—English literature, including the remainder of the works prescribed in the requirements for admission to college. Rhetoric and English composition.

Two of the three following languages:—

1. *Greek.*—Seven books of Iliad and Odyssey. Selections from more difficult Greek prose. Greek prose composition.
2. *German.*—Elementary German for beginners. Advanced German for those who have studied the language earlier in the course.
3. *French.*—Elementary for beginners. Translation of simple prose and poetry, with conversation and written composition as a preparation for translation at sight of easy French into English and English into French. Grammar. Advanced French for those who have studied the language earlier in the course.

Elective Chemistry.

Elective Drawing.

There is practice in sight reading in all the languages each year.

Advanced French, advanced German, advanced mathematics, and chemistry may be substituted for a part of the Latin, a part or a whole of the Greek.

There are exercises in debate during the whole course in English.

In each language there are five recitations a week during the year.

Special courses are marked out to meet the wants of those pupils who desire special preparation for special courses in college or professional schools.

English High School. This school was organized in September, 1895. Information concerning it is found in the following table:—

School Year.	Average Number Belonging.	Number Entering.	Graduates.	Cost of Instruction.	Per Capita Cost.	Teachers.	Pupils to a Teacher.
1895–6	456	213	67	$20,102	$44.13	21	21.7
1896–7	531	235	70	23,010	43.33	21	25.3
1897–8	535	224	75	24,843	46.44	22	24.3
1898–9	575	231	86	26,159	45.49	23	25.0
1899–0	669	316	83	31,322	46.82	27	24.8
1900–1	691	249	97	32,739	47.35	30	23.0
1901–2	738	294	108	35,989	48.74	34	21.7
1902–3	747	264	135	36,843	49.32	33	22.6
1903–4	728	264	106	36,426	50.04	33	22.1
1904–5	784	339	135	39,634	50.56	33	23.8
1905–6	893	378	127	39,823	44.60	35	25.5
1906–7	994	402	148	42,862	43.12	39	25.5

The course of study covers four years. Graduates are admitted to special courses when the conditions are favorable. Candidates for technical and normal schools take specific preparatory work.

COURSE OF STUDY, ENGLISH HIGH SCHOOL.

FIRST YEAR.		SECOND YEAR.	
REQUIRED STUDIES.	POINTS.	REQUIRED STUDIES.	POINTS.
English	4	English (2)	4
Ancient History	3	Mediaeval History	3
Algebra	5	Plane Geometry	5
Elocution	1	Elocution (2)	1
Freehand Drawing	1		
Ethics	..	Ethics (2)	
Music	..	Music (2)	
Science	..		
ELECTIVE STUDIES.		ELECTIVE STUDIES.	
French	5	French (2)	5
German	5	German (2)	5
Latin	5	Latin (2)	5
Botany, Zoölogy } Biology	5	Physics	5
		Manual Training (2), Mechanical Drawing (2)	5
Manual Training, Mechanical Drawing	5	Freehand Drawing (2)	1
		Commercial Arithmetic	3
		Penmanship	1
		Commercial Geography	2

THIRD YEAR.		FOURTH YEAR.	
REQUIRED STUDIES	POINTS.	REQUIRED STUDIES.	POINTS.
English (3)	4	English (4)	4
English and Modern European History	3	United States History and Civics	3
Elocution (3)	1	Elocution (4)	1
Physiology	1		
Ethics (3)	..	Ethics (4)	
Music (3)	..	Music (4)	
ELECTIVE STUDIES.		ELECTIVE STUDIES.	
French (3)	5	French (4)	5
German (3)	5	German (4)	5
Latin (3)	5	Latin (4)	5
Chemistry	5	Botany (2), Zoölogy (2)	5
		Physics (2)	5
		Chemistry (2)	5
		Astronomy, Geology	5
		Physical Geography	2
Mechanical Drawing (3)	1½	Mechanical Drawing (4)	1½
Freehand Drawing (3)	1	Freehand Drawing (4)	1
Algebra (2)	3	Algebra (3)	2
Plane Geometry (2)	3	Analytic Geometry	2
		Solid Geometry	2
		Trigonometry	2
Penmanship (2)	1	Commercial Law	2
Bookkeeping	5	Bookkeeping (2)	5
Stenography	5	Stenography (2)	5
Typewriting	1½	Typewriting (2)	2

The Arabic numeral in parenthesis represents the *year in course* of the subject.

Suggestive Outline of Courses.

	Normal Preparatory Course.	Scientific Preparatory Course.	Complete Commercial Course.	Partial Commercial Course.	General Course in Science.
First year	English Algebra History, Ancient Latin Elocution Drawing	English Algebra Latin Manual Training Mech. Drawing Elocution	English History, Ancient Algebra French or German Elocution Science Drawing	English History, Ancient Algebra French or German Elocution Science Drawing	English History, Ancient Algebra Biology Elocution Science Drawing
Second year	English (2) Geometry Latin (2) Biology Elocution (2) Drawing (2)	English (2) Geomety Latin (2) French History, Ancient Elocution (2)	English (2) Geometry Com. Arithmetic Com. Geography Penmanship French (2) or German (2) Elocution (2)	English (2) Geometry Com. Arithmetic Com. Geography Penmanship French (2) or German (2) Elocution (2)	English (2) Geometry History, Medi'v'l Physics Elocution (2)
Third year	English (3) History, English Algebra (2) Geometry (2) Latin (3) Drawing (3) Elocution (3)	English (3) French (2) German Algebra (2) Geometry (2) Chemistry Elocution (3)	English (3) History, English Physiology Stenography Bookkeeping Typewriting Penmanship (2) Elocution (3)	English (3) History, English Physiology Stenography and Typewriting or Bookkeeping and Penmanship (2) Chemistry Elocution (3)	English (3) History, English Physiology Chemistry French or German Elocution (3)
Fourth year	English (4) History, U. S. Chemistry Latin (4) Physical Geog. Elocution (4)	English (4) History, Review Algebra (3) Solid Geometry Trigonometry German (2) Physics Elocution (4)	English (4) History, U. S. Stenography (2) Bookkeeping (2) Typewriting (2) Commercial Law Elocution (4)	English (4) History, U. S. Sten. (2) and Typewriting (2) or Bookkeeping (2) Commercial Law Elocution (4) Physics or Biology	English (4) History, U. S. Geology and Astronomy Physical Geog. French (2) or German (2) Elocution (4)

1. A pupil in course for a diploma is required to take studies representing *at least eighteen points* each year, consisting of the required studies with additional electives to make the necessary number of points. Pupils who do not take the required amount or kind of work are classed as partial students. The number of periods each week of a subject is in general the same as the number of points which it represents. Exceptions to this will be found in subjects of a laboratory nature, as manual training, drawing, typewriting, penmanship, the sciences, etc. In these subjects extra school periods are assigned because of the unprepared nature of the work.

2. Elective studies for any year may be selected from the list for that year and from the list for any *preceding* year. Only one foreign language and only one science may be begun the

same year. A language should be continued two years, at least; a longer time is strongly urged.

3. Pupils who are unable to take the full course, *i. e.*, eighteen points a year for four years, may arrange for a five-years' course by consulting the Superintendent and head master.

4. No pupil will be permitted to take subjects representing more than eighteen points each year, unless his scholarship and health warrant the increase. The above regulation refers to the addition of an extra study after eighteen points have been selected, but does not forbid the choice of studies unavoidably exceeding the required number of points.

5. Regular courses are required in preparation for normal schools and for scientific schools.

6. Pupils electing manual training must also elect mechanical drawing, although mechanical drawing may be elected without manual training.

7. Pupils electing a commercial course will be allowed to substitute commercial arithmetic for mediaeval history during the second year.

8. In the election of commercial subjects, commercial arithmetic and penmanship must precede bookkeeping. Bookkeeping (1) must be accompanied by penmanship (2), and stenography by typewriting. The selection of typewriting without stenography is strongly opposed.

9. There must be a sufficient number of pupils desiring a certain elective to warrant a class being formed in that subject.

10. A condition or failure of any year (excepting that of a *required* subject) may be removed in three ways: (1) by passing a satisfactory examination on the subject, (2) by repeating the subject in course, and (3) by taking as an extra subject during any following year an elective of an equivalent number of points.

11. In the spring of each year pupils will be asked to choose electives for the following year. No change of course will be allowed during the year, except for urgent reasons, and then only by permission of Superintendent and head master.

Concerning admission, sessions, etc., see Latin School.

A simple, healthful, inexpensive lunch is served at the recess midway of the session to pupils desiring it.

Manual Training. Three rooms are fitted and equipped in the basement of the English High School for its manual training department. The course includes carpentry, wood-turning, and carving, clay modeling, pattern making, moulding, and casting. A fourth room is devoted to mechanical drawing, with a full course. Manual training has been extended to include the eighth grade in the grammar schools, two centres having been established with twenty-five sloyd benches each.

The men in charge of the manual training department are paid $1,700, $1,500, $1,100, and $1,000.

Sewing. Sewing is taught to the girls in the fifth, sixth, seventh, and eighth grammar grades in weekly lessons of about one hour each.

Three special teachers are employed at salaries of $700.

Music. Instruction in music is given exclusively in the high schools and in part in the three upper grammar grades by a specialist, who is paid $1,700. The books used are "The Euterpean," "The Cecilian Series of Music and Song," Nos. 1, 2, 3, and 4, and "The Laurel Song Book."

In the six lower grades musical instruction is given by the regular grade teacher, under the supervision of a specialist, who visits each class once every fifteen days. She is paid $900. The Normal System of Music, with its books and charts, is used.

Gymnastics In elementary grades the Ling system of Swedish gymnastics is practiced daily. No special teacher is employed.

Recesses. The Latin School has two brief recesses, breaking the daily sessions into thirds. The English School has a single recess at the end of the third period.

The four lower elementary grades have a five-minute recess midway of each session. The five upper grammar grades have no recess, though no unreasonable physical restraint is placed upon any pupil.

No detention of pupils is allowed at noon, and but a half-hour's detention at the close of the afternoon session, "for wilful neglect of duty only."

Corporal Punishment. Corporal punishment, "which includes any infliction of physical pain or application of physical force," is not prohibited. It must, however, not be administered until twenty-four hours after the offence, the approval of the principal being first obtained. Each case must be reported in detail to the Superintendent. There were 339 cases in 1905, 326 in 1906, and 314 in 1907.

Drawing. Two teachers of drawing are employed in the English High School at salaries of $1,000 and $800. In that school freehand drawing is compulsory for first-year pupils, and elective for all others. Drawing is not taught in the Latin School. A few Latin School pupils take drawing in the English School.

In the primary grades daily lessons, and in the grammar grades semi-weekly lessons are given by the regular teacher, under the direction of a supervisor, who visits each class once a month, and is paid $1,000.

The course includes pictorial drawing from nature, models, and objects; structural drawing from type solids; decorative drawing, designing, and color work, historic ornament and

picture-study. No drawing books are used. Colored crayons are provided in primary grades, and water-colors and brush in grammar grades.

Penmanship. Intermedial slant writing is taught in the elementary schools, the Whitehouse system being used. The supervisor visits each class once in four weeks, and receives $1,500.

Cadet Teachers. Provision has been made for the employment in the elementary schools of not exceeding twelve "Cadet teachers," at a salary of $200 each. Three such teachers are at work at the present time.

The Public Library. The English School has a working library of 1,700 volumes, but it draws constantly on the public library, located in an adjoining building.

For many years there has been a constant use of the library by school children. One hundred and sixty-five circulating libraries of fresh books are in use in the smaller buildings. As far as they can, the teachers guide in the selection of books by the children, and the librarian and his assistants cheerfully render all the help in their power.

Evening Schools. An evening high school is maintained in the English High School building on three evenings a week, from 7.30 to 9.30. The principal is paid $6, and his assistants $4, $3, $2, and $1.50. Any high school study, and freehand and mechanical drawing, may be pursued.

Elementary evening schools are open in the Prescott, Bell, and Highland buildings from October 1 on four evenings a week, from 7.30 to 9.30. The length of the term is dependent on the interest and attendance. The course of study followed is that prescribed by the Statutes. Principals receive $3 or $4, and assistants, $2, $1.50, or $1 each evening.

Truants. The city employs one active truant officer, who is paid $1,100 and the board of his horse. Truants are sent to the county truant school at North Chelmsford. There are now eighteen truants from Somerville in the school.

Janitors. These important officers are appointed by the Commissioner of Public Buildings, and are under his direction and that of the school principal.

Supervision. The Superintendent of Schools is the executive officer of the Board, and upon him devolves the general management of the schools under its direction. He serves as the secretary of the Board and as supply agent. His salary is $3,000, and he is allowed two clerks, who receive $750 and $600. His office is in the City Hall Annex, and his hours are from 4

to 5 each school day, and from 8 to 9 on Saturday. His office is open from 8 to 5 on school days, and from 8 to 10 on Saturdays.

The meetings of the School Board are held on the last Monday evening of each month, except July, August, and December, at 8.15 o'clock.

OLD SCHOOLHOUSES.

As a matter of record and reference, the following facts are given concerning old buildings that have given way to modern structures:—

In 1842, when Somerville started on an independent career as a town, its entire educational establishment comprised five small school buildings, accommodating 247 pupils, with an assessed valuation of $3,150. The only man who taught in the town received an annual salary of $450, and each of four women was paid $157.50 for a year's work.

These schoolhouses were located as follows:—

The "Pound Primary" on Broadway, corner of Franklin street.

The "Winter Hill Primary," west side of Central street, near Broadway.

The "Milk Row Primary" on Somerville avenue, next to the cemetery.

The "Prospect Hill Primary" in what is now Central square.

The "Prospect Hill Grammar" adjoining the primary in Central square.

Since that day the municipality has erected forty-four school buildings, eighteen of which have been destroyed or abandoned. The remaining twenty-six are in use to-day. As a matter of record it will be interesting to note what and where these buildings were and what has become of them.

In 1843 what was known as the *Walnut Hill* Schoolhouse was built on Broadway, near Irving street, to accommodate a small school in what was known as the Russell district, which up to this time had been kept in a private house. In 1868 this building was moved to Cedar street, doubled in size in 1873, and abandoned on the completion of the Burns enlargement in 1899.

In 1843 the *Pound Primary* was replaced by what was known as the *Lower Winter Hill* Schoolhouse and used until 1848, when it was moved to Beacon street and became the *Harvard Primary* School. In 1861 it was enlarged, burned in 1871, and replaced by what was originally the *Bell Primary*, moved first from Cherry street to Kent and Somerville avenue, in 1867, and thence to Beacon street in 1871. This building was abandoned for school purposes in 1899 and made into a dwelling house.

In 1846 the *Franklin* Schoolhouse was built on Somerville avenue and Kent street. Its two rooms were duplicated in 1862,

and the building was abandoned and destroyed on the completion of the Carr School in 1898.

The *Milk Row Primary* was burned in 1849, and its pupils sent to the Franklin.

In 1848 a four-room schoolhouse, built on Washington street and Bonner avenue, replaced the Prospect Hill Schools, and two rooms were added thereto in 1865. The building was abandoned for school purposes in 1902. It is still standing, and furnishes accommodations for the Somerville Boys' Club.

In 1850 a one-room building to accommodate the *Spring Hill Primary* School was built on Beech street, near Harvard. It was closed in 1892, and destroyed in 1898 to make way for the Carr building.

In 1861 the *Brastow* Schoolhouse was built on the present site of the Central Fire Station. Its two rooms were occupied until 1891. The building was afterwards removed to Hamlet street and converted into a dwelling house.

In 1861 the *Jackson* Schoolhouse, with four rooms, was built at the corner of Poplar and Maple streets. This building was duplicated in a nearby location on Joy street in 1868 by the *Bennett* Schoolhouse. These buildings were abandoned and destroyed in 1902, being replaced by the present Clark Bennett School.

In 1868 the *Webster* Schoolhouse, with four rooms, was built on Webster avenue, and used until 1893, when it was destroyed by fire.

In 1872 a Baptist chapel on Beech street was bought for school purposes, and its two rooms were occupied by the *Beech Street Primary* until 1898, when the building was destroyed and replaced by the Carr School.

The *Upper Winter Hill* Schoolhouse was moved in 1855 from Central street to the present site of the Prescott School, and thence in 1856 to Prospect street, and occupied by the *Union* School until 1890.

The building occupied by the *Prospect Hill Primary* was removed to the corner of Washington and Prospects streets, where it is now occupied by the Veteran Firemen's Association.

BRIEF HISTORY OF PRESENT SCHOOLS.

[NOTE—Biographical sketches of gentlemen after whom schools have been named will be found on page 102 of the school report for 1894 and in subsequent reports.]

As a matter of present interest, but chiefly for future reference, the following brief historical statements are made with reference to existing schools.

The *Somerville High School* was first opened May 3, 1852, in a building constructed for the purpose and now constituting the principal portion of the City Hall. Sixty-one pupils attended the

first term. This building was occupied by the school until March 4, 1872, when the present Latin building was occupied by its 150 pupils. The school having outgrown its quarters, the *English High School* building was constructed in 1895. The school was divided, the college-preparatory section continuing to occupy what has since been known as the Latin School, while 508 pupils were transferred and constituted what has since been known as the English High School. The unprecedented growth of the high schools led to the erection in 1906 of an addition called the Latin School Annex, which is used conjointly by the English and the Latin Schools. The following gentlemen have served as masters of the Latin School:—

Robert Bickford, May, 1852, to March, 1854.
Leonard Walker, March, 1854, to September, 1856.
Samuel J. Pike, September, 1856, to August, 1858.
Isaac N. Beals, August, 1858, to August, 1859.
H. H. Babcock, August, 1859, to August, 1867.
George L. Baxter, August, 1867, to ———

The masters of the English High School have been:—

Charles T. C. Whitcomb, June, 1895, to June, 1906.
John A. Avery, June, 1906, to ———

The first (William H.) *Prescott* Schoolhouse was erected on the corner of Franklin street and Broadway in 1846, to replace what was known as the Pound Primary. This building was burned in 1856. The Prescott School building No. 2 contained seven rooms, and stood on the site of the present structure. It was burned in 1866. The present building, containing ten rooms and a hall, which has since been converted into classrooms, was built in 1867. Previous to 1852 only women teachers were employed. The following men have served as masters of the school:—

Robert Bickford, September, 1851, to March, 1852.
McLaurin F. Cook, April, 1852, to November, 1853.
H. O. Whittemore, November, 1853, to August, 1854.
Daniel B. Wheeler, September, 1854, to August, 1859.
John Wilson, August, 1859, to February, 1872.
Augustus Linfield, March, 1872, to May, 1872.
Luther B. Pillsbury, June, 1872, to June, 1873.
Gordon A. Southworth, October, 1873, to June, 1893.
Samuel A. Johnson, September, 1893, to ———

The (Charles) *Forster* Schoolhouse No. 1 was built in 1854 near the site of the present building on Sycamore street, and contained four schoolrooms. It was burned in February, 1866. It was replaced by the present building in 1867. The hall which occupied the third floor was converted into classrooms in 1883. The annex to the school, containing six rooms, was built in 1899. The following gentlemen have been masters of the school:—

John Jameson, February, 1855, to January, 1860.
Edward W. Howe, January, 1860, to August, 1864.

Charles G. Pope, August, 1864, to September, 1870.
George R. Bradford, September, 1870, to July, 1878.
John S. Hayes, September, 1878, to June, 1893.
Fred C. Baldwin, September, 1893, to ———

The (Enoch R.) *Morse* Schoolhouse was built in 1869 on Summer street, and contained four rooms and a hall. In 1880 the hall was divided into classrooms. In 1889 an addition of six rooms was made. The following have been masters of the school:—

William B. Allen, November, 1869, to 1877.
William M. Stevens, 1882 to 1883.
C. C. Hunkins, 1877 to 1882.
Frank F. Murdock, 1883 to 1884.
Henry C. Parker, 1884 to 1886.
Horatio D. Newton, 1886 to 1890.
Mina J. Wendell, 1890 to ———

The (John G.) *Edgerly* School was built on Cross street in 1871, and contained four rooms. Four rooms were added in 1882, and four more in 1892. The principals have been:—

Augusta M. Cowles, 1871 to 1881.
Frank P. Hudson, 1881 to 1888.
Edgar R. Raub, 1888 to 1889.
Charles E. Brainard, 1889 to ———

The *Luther V. Bell* School on Vinal avenue, containing twelve rooms, was built in 1874. It received its pupils from the Prospect Hill School, of which it is virtually the successor. The Prospect Hill School was the oldest grammar school in the city, having been opened in 1842. Its principals were:—

William E. Graves, April, 1842, to October, 1846.
Martin Draper, Jr., October, 1846, to May, 1847.
Charles S. Lincoln, April, 1847, to April, 1853.
Oren S. Knapp, May, 1853, to February, 1864.
George R. Bradford, March, 1864, to May, 1866.
Samuel C. Hunt, May, 1866, to September, 1874.

The masters of the Bell School have been:—

Samuel C. Hunt, September, 1874, to July, 1876.
Simeon C. Higgins, 1876 to 1879.
Robert Bickford, 1879 to 1885.
Herbert L. Morse, 1885 to 1890.
Fred W. Shattuck, 1890 to 1897.
Harlan P. Knight, 1897 to ———

The (Charles S.) *Lincoln* Schoolhouse No. 1 was built on College avenue in 1866, and contained four rooms. In 1881 it was moved to the present site in Teele square, and was burned in October, 1884. It was rebuilt in 1885. The principals have been:—

Horace P. Makechnie, 1867 to 1876.
Edward E. Bradbury, 1876 to 1877.
George E. Nichols, 1877 to 1880.
Mary A. Paul, 1880 to 1887.

Hattie A. P. Roth, 1887 to 1889.
Harry F. Hathaway, 1889 to 1894.
Grace Emerson, 1894 to 1895.
Elizabeth Hodgdon, 1895 to 1896.
J. Louise Smith, 1896 to 1900.
May E. Small, 1900 to 1903.
Eliza H. Lunt, 1903 to ———

The *Highland* Schoolhouse on Highland avenue was built in 1880. It contained eight rooms, to which four rooms were added in 1891. Its principals have been:—

George E. Nichols, September, 1880, to October, 1902; September, 1903, to June, 1905.
J. Sherman Richardson, October, 1902, to January, 1903.
Ernest W. Robinson, January, 1903, to June, 1903.
Aaron B. Palmer, September, 1905, to ———

The (Joshua H.) *Davis* Schoolhouse was built in 1884, to replace a one-room building which stood near the present site on Tufts street. Its principals have been:—

Lucretia A. Burns, 1884 to 1896.
Frances Meldrum, 1896 to 1900.
Harriet C. Roxbury, 1900 to 1901.
Mary A. Holt, 1901 to ———

The *John A. Cummings* Schoolhouse on School street was built in 1884. The building contains four rooms. Its principals have been:—

Lydia J. Page, 1884 to 1902.
Fannie L. Gwynne, 1902 to ———

The (Norman W.) *Bingham* Schoolhouse was built in 1886. In 1894 four rooms were added, and in 1904 the capacity of the building was doubled. The principals have been:—

Nora F. Byard, 1886 to 1894.
Harry F. Hathaway, 1894 to ———

The (Mark F.) *Burns* Schoolhouse was built in 1886. It contained four rooms, to which four more rooms were added in 1899. The principal has been:—

Laura J. Brooks, 1886 to ———

The *Oren S. Knapp* Schoolhouse on Concord avenue, containing eight rooms, was built in 1889. Four rooms were added in the rear in 1894. Its masters have been:—

Harry N. Andrews, 1890 to 1894.
John Sherburne Emerson, 1894 to ———

The *Jacob T. Glines* Schoolhouse on Jaques street was built in 1891. It contained eight rooms, and was enlarged by the addition of five rooms in 1896. Its principals have been:—

Mrs. Cora E. Dimpsey, 1891 to 1893.
Mary E. Northup, 1893 to ———

The *George W. Durell* Schoolhouse on Kent street was built in 1894, its principals having been:—

Nora F. Byard, 1894 to 1905.
Abigail P. Hazelton, 1905 to ———

The *William H. Hodgkins* Schoolhouse on Holland street was built in 1896. Its only master has been:—

Arthur L. Doe, 1896 to ———

The *Sanford Hanscom* Schoolhouse on Webster street was erected in 1897. It contained six rooms, to which four rooms were added in 1907. Its principals have been:—

Lina F. Bates, 1897 to 1905.
Elizabeth M. Collins, 1905 to ———

The *Martin W. Carr* Schoolhouse on Beech street, containing seventeen rooms, was erected in 1898. It superseded the Franklin and Beech Street Schools. Its only master has been:—

Charles G. Ham, 1898 to ———

The *Albion A. Perry* Schoolhouse on Washington street was constructed in 1899. It contained six rooms. Its principals have been:—

Laura B. Underhill, 1899 to 1901.
Mary B. McKusick, 1901 to 1905.
Catherine E. Sweeney, 1905 to ———

The *George L. Baxter* Schoolhouse on Bolton street, containing six rooms, was built in 1901. Its only principal has been:—

Helen Tincker, 1901 to ———

The *Benjamin G. Brown* Schoolhouse on Willow avenue was erected in 1901. It contained six rooms, and was enlarged by the addition of four rooms in 1907. Its principals have been:—

Harriette C. Baker, 1901.
Annie G. Smith, 1901 to 1908.

In 1907 it was made a full-grade grammar school centre, under the mastership of

George I. Bowden, January, 1908, to ———

The *Clark Bennett* Schoolhouse was built on Joy street in 1868. Together with the Jackson School, it was superseded by the present Clark Bennett School erected on Poplar street in 1902. It contains twelve rooms, under the principalship of

Annie E. McCarty, 1902 to ———

The *Martha Perry Lowe* Schoolhouse was erected on Morrison avenue in 1903. It contains eight rooms, under the principalship of

May E. Small, 1903 to ———

The *George O. Proctor* Schoolhouse on Hudson street, containing nine rooms, was built in 1905. Its principal has been:—

Nora F. Byard, 1905 to ———

SOMERVILLE TEACHERS' ASSOCIATION.

OFFICERS, 1908.

President, Everett W. Tuttle.
Vice-President, Frank H. Wilkins.
Secretary-Treasurer, Emma F. Schuch.
Executive Committee:—

Gordon A. Southworth.	Lilla M. Marble.
Susie M. Hosmer.	Mary I. Bradish.
Carrie T. Lincoln.	Clara D. Eddy.
Phenie L. DuGar.	M. Florence Eustis.
Edith A. Maxwell.	Laura J. Brooks.
Clara B. Sackett.	Alice G. Hosmer.
Charlotte Holmes.	Mary Winslow.
Minnie A. Holden.	Annie G. Smith.
M. Abbie Tarbett.	M. Alice Paul.
Naomi E. Stevens.	Katherine E. Hourahan.
Fannie L. Gwynne.	Beatrice A. Randall.
Charles E. Brainard.	Eliza H. Lunt.

CONSTITUTION OF THE SOMERVILLE TEACHERS' ASSOCIATION.

I. NAME.

This Association shall be known as the Somerville Teachers' Association.

II. OBJECTS.

The objects of this Association shall be to unite all teachers of Somerville into one organized body of professional workers for the welfare and progress of the public schools, to consider the aspects of education, to study its principles, to improve its methods, and to advance teaching as a profession.

III. PRINCIPLES.

This Association holds:—

1. That the highest end of education is the formation of character.

2. That this end is to be attained through the complete and harmonious development of the human being in his threefold nature,—physical, intellectual, and moral.

3. That intellectual development depends upon the conscious self-activity of the individual in the exercise of all the faculties of perception, thought, and expression.

4. That a system of education should furnish such instruction and training as shall stimulate all the energies of the child in their natural order and at the proper time, by means of appli-

ances, material, and subjects of instruction adapted to his varying powers.

5. That the child is of more importance than the school; that the natural growth of the child in his threefold character should never be subordinated to the maintenance of an organization or machine.

6. That we all, being members of one body, and realizing the importance of each and every one to the whole system, hold it to be our duty to give to one another all the sympathy, aid, and co-operation in our power, and so far as the opportunities may permit, to familiarize ourselves with the aims, principles, and methods of the several departments of our school system, in so far as such knowledge may contribute to the general welfare and progress, and render our individual work more effective.

IV. OFFICERS.

1. The officers of the Association shall be a President, two Vice-Presidents, and a Secretary-Treasurer, who, with fifteen other members, shall constitute the Executive Committee. Each high school, each grammar school, and one of the smaller schools in each district shall be represented on this committee. The Superintendent of Schools is a member, *ex-officio*, of this committee.

ELECTION.

2. The officers shall be elected annually, at the last regular meeting of the year.

DUTIES.

3. The duties of the President, Vice-Presidents, and Secretary-Treasurer shall be such as usually devolve upon these officers.

4. It shall be the duty of the Executive Committee to arrange the programmes of the meetings of the Association, and to change the date of any meeting, if necessary.

QUORUM.

Seven shall constitute a quorum of the Executive Committee for the transaction of business.

BY-LAWS.

MEETINGS.

1. The meetings of the Association shall be held in the English High School building, and shall take place on the second Wednesday in February, April, October, and December. There may also be a fifth meeting of a social character at a time and place to be arranged by the Executive Committee.

2. The hour of the stated meetings shall be 3.30 P. M.

DUES.

3. The annual dues shall be fifty cents, payable at the first meeting of the year. Assessments may be called by vote of the Association.

AMENDMENTS.

4. Amendments may be made by a two-thirds vote of the Association.

SOMERVILLE KINDERGARTEN ASSOCIATION.

The teachers in Somerville kindergartens are united in an association, the object of which is to promote interest in the kindergarten on the part of parents and others, and to extend a knowledge of its principles. Several general public meetings have been held during the year. Mothers' meetings are held frequently at the local kindergarten rooms.

NAMES OF MEMBERS OF THE SCHOOL BOARD UNDER THE SECOND CHARTER.

January, 1900, to January, 1908.

FROM WARD ONE.

George S. Poole	1900-1905	5 yr.
S. Newton Cutler	1900-1904	4 yr.
Henry F. Curtis	1904-	
William W. Kennard	1905-1907	2 yr.
Elmer H. Spaulding	1907-	

FROM WARD TWO.

Edward J. Flynn	1900-1905	5 yr.
John H. O'Neil	1900-1904; 1905-1907	6 yr.
Daniel H. Bradley	1904-	
Thomas M. Clancy	1907-	

FROM WARD THREE.

Dana W. Bennett	1900-1905	5 yr.
James F. Beard	1900-	8 mos.
Alvah B. Dearborn	1900-1902	1 yr. 4 mos.
George E. Whitaker	1902-	
Wilbur S. Clarke	1905-	

FROM WARD FOUR.

William P. Jones	1900-1907	7 yr.
George W. W. Whiting	1900-1906	6 yr.
Charles A. Kirkpatrick, Jr.	1906-	
George W. Foster	1907-	

FROM WARD FIVE.

J. Walter Sanborn	1900-	
Quincy E. Dickerman	1900-1906	6 yr.
Henry H. Folsom	1906-	

FROM WARD SIX.

Martin W. Carr	1900-1901	1 yr.
Frederick A. P. Fiske	1900-	
Fred M. Carr	1901-1903	2 yr.
Charles H. Hood	1903-1907	4 yr.
Leon M. Conwell	1907-	

FROM WARD SEVEN.

Henrietta B. H. Attwood	1900-	
George A. Miles	1900-1904	4 yr.
George C. Mahoney	1904-	

(In 1905 the Charter was amended so that the Mayor and the President of the Board of Aldermen become members, ex-officiis, of the School Board.)

MAYORS.

Leonard B. Chandler	1905-1906	1 yr.
Charles A. Grimmons	1906-	

PRESIDENTS OF THE BOARD OF ALDERMEN.

John J. Higgins	1905-1906	1 yr.
Sidney B. Keene	1906-1907	1 yr.
Leonard W. Cole	1907-	

NUMBER OF BOOKS IN USE IN THE CITY DECEMBER, 1907.

School.	English.	French.	German.	Latin.	History and Civics.	Greek.	Mathematics.	Science.	Miscellaneous.	Total.
Latin	1,562	838	975	1,868	731	512	609	122	432	7,649
†English	3,278	2,411	1,127	889	2,455		1,316	727	1,297	15,370†
	4,840	3,249	2,102	2,757	3,186	512	1,925	849	1,729	23,019†

School.	* Arithmetics.	Geographies.	Dictionaries.	Histories.	Language Books.	Music Books.	Spellers.	Physiologies.	Reading Books.	Miscellaneous.	Charts, Maps.	Total.
Prescott	652	543	299	295	390	745	630	71	3,143	449	44	7,261
Hanscom	177	184	105	30	146	355	241	5	1,754	124	5	3,126
Davis	101	120	51	....	50	199	203	6	971	23	9	1,733
Bennett	402	386	10	....	185	569	421	9	1,755	34	11	3,782
Baxter	197	122	103	25	108	258	255	3	1,442	19	11	2,543
Knapp	959	660	441	581	645	678	675	158	3,330	133	53	8,313
Perry	111	138	55	....	96	417	252	8	1,164	16	18	2,275
Pope	564	397	414	403	438	692	534	62	3,202	84	25	6,815
Bell	504	434	383	250	428	509	604	124	1,650	208	24	5,118
Cummings	198	76	2	....	50	188	218	6	1,062	93	6	1,899
Edgerly	897	492	421	470	535	913	696	112	3,328	364	14	8,242
Glines	546	495	360	275	383	767	501	61	2,057	78	20	5,543
Forster	1,241	795	562	551	632	1,105	875	105	5,179	579	39	11,663
Bingham	669	495	340	201	465	783	637	....	2,483	185	42	6,300
Carr	690	823	476	400	517	831	782	84	3,335	212	38	8,188
Morse	824	534	370	471	420	753	748	54	3,815	312	49	8,350
Proctor	338	241	187	40	281	529	460	....	1,756	18	8	3,858
Durell	166	47	4	....	46	210	89	4	997	28	13	1,604
Burns	601	271	211	178	256	634	411	11	2,623	175	18	5,389
Brown	262	192	109	50	163	443	291	....	1,156	60	9	2,735
Highland	988	737	604	444	639	731	632	49	2,760	263	31	7,878
Hodgkins	611	574	479	304	524	836	612	132	2,863	236	34	7,205
Lincoln	2	30	2	....	1	173	252	5	1,614	16	....	2,095
Lowe	112	102	8	....	102	355	253	....	1,697	137	3	2,769
	11,812	8,888	5,996	4,968	7,500	13,673	11,272	1,069	55,136	3,846	524	124,684

* 3,000 Mental.

† Commercial, 991.

† Elocution, 879.

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TABLE 1.— SCHOOLHOUSES.

	Name.	No. of Classrooms.	Size of Lot.	Valuation, including Furniture.	When built.	No. of years used.	Enlargements.
1	Latin High	a13	.....	$91,500	1871	36	8 rooms added 1906
2	English High	b19	.....	137,600	1895	12	
3	Prescott	12	22,000	66,250	1867	40	
4	Knapp	13	24,517	50,340	1889	18	4 rooms added 1894
5	Pope	12	27,236	80,860	1891	16	
6	Bell	12	22,262	45,340	1874	33	
7	Edgerly	12	24,000	44,250	1871	36	4 rooms added 1882 4 rooms added 1892
8	Glines	14	28,800	80,800	1891	16	5 rooms added 1896
9	Forster	18	30,632	85,350	1866	41	6 rooms added 1899
10	Bingham	16	35,586	60,000	1886	21	4 rooms added 1894 8 rooms added 1904
11	Carr	17	20,450	53,800	1898	9	
12	Morse	12	29,000	48,200	1869	38	6 rooms added 1890
13	Highland	12	23,260	60,560	1880	27	4 rooms added 1891
14	Hodgkins	14	35,034	71,550	1896	11	
15	Bennett	12	17,000	59,248	1902	5	
16	Hanscom	10	12,756	64,580	1897	10	4 rooms added 1907
17	Brown	10	20,093	54,690	1901	6	4 rooms added 1907
18	Proctor	9	18,000	41,029	1905	3	
19	Burns	8	16,080	34,700	1886	21	4 rooms added 1899
20	Lowe	8	21,650	51,826	1903	3	
21	Baxter	6	11,000	32,956	1901	6	
22	Perry	6	46,080	37,000	1899	8	
23	Davis	4	30,155	22,720	1884	23	
24	Cummings	4	11,300	11,920	1884	23	
25	Durell	4	13,883	19,720	1894	13	
26	Lincoln	4	17,662	18,220	1885	22	
	Total	281	.....	$1,425,009	....	..	

(a) Besides a recitation room, a physical laboratory, two teachers' rooms, an assembly hall, a library and a principal's office.

(b) A chemical, a physical, a biological laboratory, seven recitation rooms, a lecture hall, two drawing rooms, two teachers' rooms, library, and principal's office. Four manual training rooms and lunch room in basement. The biological laboratory and the lecture hall furnish three classrooms.

TABLE 2.—COST OF MAINTAINING SCHOOLS, 1907.

Schools.	Teachers.	Care.	Supplies.	Total.
Latin High	$19,602 00	$2,247 49	$1,117 93	$22,967 42
English High	45,129 50	3,930 77	6,873 37	55,933 64
Prescott	11,064 11	1,558 22	797 31	13,419 64
Knapp	11,271 54	1,679 91	1,213 01	14,164 46
Pope	10,529 76	1,755 96	946 29	13,232 01
Bell	10,609 61	1,135 23	1,009 22	12,754 06
Edgerly	10,599 16	1,378 37	879 00	12,856 53
Glines	11,153 97	2,552 00	735 08	14,441 05
Forster	14,819 88	3,485 45	944 55	19,249 88
Bingham	13,282 28	1,813 47	788 42	15,884 17
Carr	13,960 45	2,020 40	988 78	16,969 63
Morse	10,649 86	1,751 35	907 59	13,308 80
Highland	10,647 89	1,898 87	954 98	13,501 74
Hodgkins	12,435 39	1,582 42	1,053 46	15,071 27
Bennett	9,490 81	1,581 60	593 87	11,666 28
Burns	6,484 16	1,203 51	688 94	8,376 61
Proctor	6,647 09	1,238 14	513 01	8,398 24
Lowe	6,058 13	1,135 33	339 65	7,533 11
Hanscom	5,062 95	1,119 11	357 59	6,539 65
Baxter	5,015 48	969 14	386 88	6,371 50
Perry	4,227 75	1,063 76	356 13	5,647 64
Brown	4,904 83	1,086 23	433 77	6,424 83
Davis	2,865 64	810 70	249 99	3,926 33
Cummings	2,874 20	797 25	210 99	3,882 44
Durell	2,802 89	703 95	190 13	3,696 97
Lincoln	3,381 03	665 19	296 51	4,342 73
Evening	7,536 75	2,263 81	490 88	10,291 44
Totals	$273,107 11	$43,427 63	$24,317 33	$340,852 07

TABLE 3.—PER CAPITA COST OF MAINTAINING SCHOOLS, 1907.

Schools.	Teachers.	Care.	Supplies.	Total.
Latin High	$44 25	$5 07	$2 52	$51 94
English High	43 99	3 83	6 70	54 52
Prescott	19 01	2 68	1 37	23 06
Knapp	19 95	2 97	2 15	25 07
Pope	21 19	3 53	1 90	26 62
Bell	20 68	2 21	1 97	24 86
Edgerly	20 58	2 68	1 71	24 97
Glines	21 21	4 85	1 40	27 46
Forster	20 03	4 71	1 28	26 02
Bingham	19 88	2 71	1 18	23 77
Carr	20 53	2 97	1 45	24 95
Morse	20 44	3 36	1 74	25 54
Highland	19 72	3 52	1 77	25 01
Hodgkins	20 15	2 56	1 71	24 42
Bennett	18 91	3 15	1 18	23 24
Burns	17 48	3 24	1 86	22 58
Proctor	17 77	3 31	1 37	22 45
Lowe	15 98	3 00	0 90	19 88
Hanscom	16 12	3 56	1 14	20 82
Baxter	17 72	3 42	1 37	22 51
Perry	17 62	4 43	1 48	23 53
Brown	15 82	3 50	1 40	20 72
Davis	17 37	4 91	1 52	23 80
Cummings	18 08	5 01	1 33	24 42
Durell	16 99	4 27	1 15	22 41
Lincoln	15 80	3 11	1 39	20 30
High schools	$44 07	$4 21	$5 44	$53 72
Gram. and primary	19 96	3 57	1 56	25 09
All schools	22 93	3 65	2 04	28 62
Gram. and prim. without evening schools	19 24	3 35	1 52	24 11
All schools without evening schools	22 30	3 46	2 01	27 77

TABLE 4. — ANNUAL COST OF MAINTAINING THE SCHOOLS

FOR A SERIES OF YEARS.

Amounts are given to the nearest dollar and include what has been paid for maintaining day and evening schools of all grades.

Year.	Average Membership.	Instruction and Supervision.	Water and Light.	Heating.	Janitors.	School Supplies.	Total.
1886	4,985	$83,542	624	$4,929	$4,194	$6,676	$99,865
1887	5,198	86,713	765	6,475	5,084	7,526	106,563
1888	5,488	88,967	953	7,121	5,892	7,421	110,354
1889	5,956	96,466	805	6,081	6,448	9,903	119,703
1890	6,486	104,184	1,004	5,586	7,539	10,371	128,684
1891	6,502	114,066	1,047	8,032	8,544	13,899	145,588
1892	7,035	124,232	1,064	7,148	9,794	12,944	155,183
1893	7,217	128,720	1,014	8,312	10,160	10,137	158,333
1894	7,212	132,919	958	9,673	10,686	10,919	165,155
1895	7,617	144,113	1,398	8,796	11,581	15,063	180,951
1896	8,077	161,551	1,469	9,962	14,160	17,601	204,743
1897	8,589	180,222	1,920	10,065	16,251	14,815	223,273
1898	9,085	189,244	2,075	9,767	17,393	14,986	233,465
1899	9,502	197,660	2,472	10,821	17,831	16,131	244,915
1900	9,823	212,863	1,729	10,840	19,236	15,735	260,403
1901	9,991	226,556	1,731	13,723	20,078	18,707	280,796
1902	10,402	234,210	1,803	10,489	20,859	19,386	286,747
1903	10,719	242,964	2,015	18,052	21,042	20,873	304,946
1904	11,094	255,481	1,436	15,315	22,024	21,648*	315,904
1905	11,543	259,597	4,345	15,167	21,949	20,619*	321,677
1906	11,762	266,197	2 875	14,162	23,143	22,969*	329,346
1907	11,909	273,107	3,760	15,236	23,999	24,750*	340,852

*Including cost of telephones.

TABLE 5.—ANNUAL COST PER CAPITA OF MAINTAINING SCHOOLS

FOR A SERIES OF YEARS.

[Based on the average membership.]

YEAR.	Instruction and Supervision.	Janitors, Water, Heat, and Light.	School Supply Expenses.	Total.	Assessors' Valuation of City.	Ratio of Cost of School Maintenance to Valuation.
1886	$16 76	$1 94	$1 34	$20 03	$26,003,200	.00384
1887	16 68	2 37	1 45	20 50	27,469,300	.00388
1888	16 21	2 54	1 36	20 11	28,756,400	.00384
1889	16 20	2 24	1 66	20 10	30,004,600	.00399
1890	16 06	2 18	1 60	19 84	32,557,500	.00395
1891	17 54	2 71	2 14	22 39	36,843,400	.00395
1892	17 66	2 56	1 84	22 06	38,093,100	.00407
1893	17 84	2 70	1 40	21 94	41,773,600	.00379
1894	18 43	2 96	1 51	22 90	44,142,900	.00374
1895	18 92	2 86	1 98	23 76	46,506,300	.00390
1896	20 00	3 17	2 18	25 35	49,013,050	.00418
1897	20 98	3 29	1 73	26 00	50,173,775	.00444
1898	20 83	3 22	1 65	25 70	50,739,700	.00460
1899	20 80	3 28	1 70	25 78	51,202,350	.00478
1900	21 67	3 24	1 60	26 51	52,513,400	.00496
1901	22 67	3 56	1 87	28 10	53,924,200	.00521
1902	22 52	3 19	1 86	27 57	55,485,370	.00517
1903	22 67	3 84	1 95	28 46	56,981,360	.00535
1904	23 03	3 52	1 93	28 48	58,056,700	.00544
1905	22 50	3 63	1 74	27 87	59 146,600	.00544
1906	22 63	3 45	1 92	28 00	60,371,500	.00546
1907	22 93	3 65	2 04	28 62	61,527,750	.00554

TABLE 6. — AMOUNT SPENT ANNUALLY FOR ALL SCHOOL PURPOSES

FOR A SERIES OF YEARS.

Year.	For New Schoolhouses.	For Repairs and Permanent Improvements.	For Maintaining Schools.	Amount Spent for all School Purposes.
1886	$15,515	$8,706	$99,865	$114,086
1887	14,839	13,636	106,563	135,038
1888	4,996	13,994	110,354	129,344
1889	20,167	14,225	119,703	154,095
1890	75,775	19,168	128,684	223,627
1891	84,902	14,847	145,588	245,337
1892	12,679	17,734	155,183	176,001
1893	22,809	12,440	158,333	193,582
1894	82,206	44,764	165,155	292,125
1895	87,680	15,651	180,951	284,282
1896	61,016	33,240	204,743	298,999
1897	46,621	20,507	223,273	290,400
1898	49,983	21,274	233,465	304,722
1899	72,516	15,637	244,915	333,068
1900	51,232	21,745	260,403	333,380
1901	49,203	11,000	280,796	340,999
1902	56,501	13,079	286,747	356,327
1903	59,822	12,261	304,946	377.029
1904	23,703	18,209	315,904	357.816
1905	51,987	8,306	321,677	381,970
1906	38,457	11,951	329,346	379,754
1907	31,804	18,008	340,852	390,664

TABLE 7.—POPULATION AND SCHOOL CENSUS.

1842	1,013	1880	24,985	1902	65,273
1850	3,540	1885	29,992	1903	67,500
1860	8,025	1890	40,117	1905	69,272
1865	9,366	1895	52,200	1906	70,875
1870	14,693	1900	61,643	1907	72,000
1875	21,594	1901	63,000		

SCHOOL CENSUS.

No. of children between 5 and 15 years of age October 1,

	1906.	1907.	Change.
Ward 1	1,974	2,008	+34
Ward 2	2,569	2,607	+38
Ward 3	1,148	1,095	−53
Ward 4	986	1,001	+15
Ward 5	1,908	1,910	+2
Ward 6	1,979	2,054	+75
Ward 7	1,504	1,623	+119
Total	12,068	12,298	+230
In public schools	10,356	10,525	+169
In private schools	1,589	1,598	+9
Out of school	334	492	+158
Total	12,279	12,615	+336

Number of compulsory school age, 7 to 14:—

		1907.	
According to census, males		4,511	
females		4,157	
			8,668
In public schools, males	3,825		
females	3,833		
		7,658	
In private schools, males	509		
females	695		
		1,204	
Total in school			8,862

Number of illiterate minors	46
Children under 7 out of school	313
" between 7 and 14 out on account of sickness	30
" 14 years old at work	103
Total number out of school	446

TABLE 8. — ATTENDANCE OF THE PUBLIC SCHOOLS, 1907.

Rooms Occupied in December.	Schools.	Annual Enrollment.	Average Membership.	Average Attendance.	Per cent. of Attendance.	No. Attending in January.	No. Attending in December.	Average No. to Classroom in December.
15	Latin High	459	443	423	95.5	432	480	
24	English High	1070	1026	970	94.5	1,020	1,104	
12	Prescott	763	582	541	93.1	592	593	49.4
13	Knapp	684	565	539	95.3	582	580	44.6
12	Pope	593	497	470	94.6	509	506	42.1
12	Bell	621	513	486	94.7	516	541	45.0
12	Edgerly	616	515	486	94.2	529	542	44.8
13	Glines	697	526	495	94.1	553	527	43.9
18	Forster	864	740	692	93.6	747	786	43.7
16	Bingham	818	668	619	92.7	682	703	43.9
17	Carr	829	680	634	93.2	672	729	45.6
12	Morse	656	521	490	94.1	543	544	45.3
12	Highland	627	540	516	95.5	561	573	44.4
14	Hodgkins	744	617	588	95.2	638	643	45.9
12	Bennett	691	502	458	91.2	521	514	42.8
8	Burns	455	371	345	93.0	360	424	53.0
9	Proctor	475	374	348	93.0	394	380	42.2
8	Lowe	513	379	351	93.0	388	369	46.1
6	Hanscom	440	314	293	93.1	320	318	53.0
6	Baxter	449	283	257	91.1	287	327	54.5
6	Perry	333	240	224	93.0	247	260	43.3
6	Brown	427	310	289	93.3	311	342	57.0
4	Davis	229	165	153	93.2	172	168	42.0
4	Cummings	208	159	149	93.7	152	156	39.0
4	Durell	242	165	152	92.2	167	188	47.0
4	Lincoln	299	214	198	92.3	218	221	55.3
279	Total	14,802	11,909	11,166	93.8	12,113	12,518	45.9
279	Total for 1906	14,551	11,762	11,069	94.1	12,052	12,348	45.8

TABLE 9.—STATISTICS OF HIGH SCHOOLS FOR SCHOOL YEAR, SEPTEMBER 12, 1906, TO JUNE 30, 1907.

	Latin.	English.
Number of teachers	15	39
Number of days school kept	178	178
Number enrolled	448	1,095
Average number belonging	424.8	994.1
Average daily attendance	405.9	941.6
Per cent. of attendance	95.6	94.7
Tardiness	252	421
Dismissals	303	250
In Class I. September, 1906	122	402
June	116	350
Per cent. of loss	5	12.9
In Class II. September, 1906	125	290
June	113	250
Per cent. of loss	9.6	13.8
In Class III. September, 1906	107	193
June	96	176
Per cent. of loss	10	8.8
In Class IV. September, 1906	83	162
June	83	155
Per cent. of loss	0	4.3
Special students, September, 1906		7
June		8
Total, September, 1906	437	1,054
June	408	939
Per cent. of loss	6.6	10.9
Number of graduates, male	27	62
Number of graduates, female	48	86
Total	75	148
Average age, male	18-5	18- 0
Average age, female	18-6	18-10
Number entering college	49	7
Number of graduates entering technical schools	1	13
Number of graduates entering normal schools	1	7
Cost of instruction	$19,243 00	$42,861 75
Cost of supplies	1,259 57	5,490 43
Total cost	20,502 57	48,352 18
Per capita cost of instruction	45 30	43 12
Per capita cost of supplies	2 96	5 52
Total cost per capita	48 26	48 64

TABLE 10.—PUPILS BY GRADES, 1907.

School.	Grade.	Teachers.			Pupils.			Average Age.		Never in School Before.	From Other City Schools.	From Other Schools.
		Men.	Women. Regular.	Women. Assistants.	Boys.	Girls.	Total.	Years.	Months.			
Latin	Thirteenth	....	.. .	....	39	63	102	18	3	.....	1	3
"	Twelfth	....	....	.. .	40	67	107	17	2	.....	1	4
"	Eleventh	....	....	....	45	64	109	16	2	.....	5	6
"	Tenth	....	....	....	80	82	162	15	1	.....	149	13
	Total	6	9	....	204	276	480	...	.....	.....	156	26
English	Special	....	....	....	6	6	12	19	0	.....	.....	.....
"	Thirteenth	....	....	....	64	100	164	18	6	.....	1	5
"	Twelfth	....	....	....	77	128	205	17	6	.....	1	3
"	Eleventh	....	....	....	127	174	301	16	7	.....	6	16
"	Tenth	....	....	....	189	233	422	15	7	.....	425	20
	Total	12	30	....	463	641	1,104	....	.....	.....	433	44
	Total high school	18	39	....	667	917	1,584	....	.....	.....	589	70
Grammar	Ninth	10	21	....	348	441	789	14	6	.....	42	54
"	Eighth	....	21	....	419	412	831	13	9	.....	79	75
"	Seventh	....	24	....	522	500	1,022	12	10	.....	125	113
"	Sixth	....	27	....	597	604	1,201	11	11	.....	287	131
"	Fifth	.. .	28	....	625	614	1,239	10	10	.....	237	162
"	Fourth	....	29	1	697	640	1,337	9	9	.....	176	167
	Total grammar	10	150	1	3,208	3,211	6,419	....	.....	.....	946	702
Primary	Third	....	30	....	709	666	1,375	8	6	.....	169	152
"	Second	....	31	2	710	674	1,384	7	4	.....	188	215
"	First	....	32	4	772	760	1,532	6	2	1,210	131	192
	Total primary	....	93	6	2,191	2,100	4,291	....	.....	1,210	488	559
	Total grammar and primary	10	243	7	5,399	5,311	10,710	....	.....	1,210	1,434	1,261
	Kindergarten	....	4	4	93	101	194	4	7	.....	.....	.....
	Special teachers	4	5	...	.....	.....	.....	....	.....	.....	.....	.....
	Cadets	....	3	....	.....	.....	.....	....	.....	.....	.....	.....
	Grand totals	32	294	11	6,159	6,329	12,488	...	.....	1,210	2,023	1,331

TABLE 11.—PUPILS IN HIGH AND GRAMMAR SCHOOLS.

	High Schools.	Grammar and Primary Schools.	Kindergartens.	Total.
Annual enrollment	1,529	12,863	410	14,802
Average membership	1,469	10,257	183	11,909
Average attendance	1,393	9,615	158	11,166
Per cent. of attendance	94.8	93.7	86.3	93.8
Number cases of tardiness	690	3,472	...	4,162
Number cases of dismissal	606	1,935	...	2 541
Number cases of punishment	...	314	...	314
Membership, January, 1907	1,452	10,473	188	12,113
Membership, December, 1907	1,584	10,710	194	12,488

TABLE 12.—NUMBER OF PUPILS ADMITTED TO GRADE I. IN SEPTEMBER.

School.	1903.	1904.	1905.	1906.	1907.	School.	1903.	1904.	1905.	1906.	1907.
Prescott	53	63	78	72	61	Forster	65	76	48	74	77
Hanscom	75	38	47	33	39	Bingham	74	78	80	83	70
Davis	50	42	42	22	39	Carr	59	59	59	40	64
Bennett	98	92	81	125	94	Morse	78	67	56	64	53
Baxter	27	38	53	42	59	Proctor	.....	.....	49	61	48
Knapp	38	50	43	40	35	Durell	33	38	45	39	43
Perry	49	50	58	42	51	Burns	57	58	50	53	48
Pope	37	40	33	28	28	Brown	33	26	42	52	57
Bell	36	38	36	38	35	Highland	.....	.....	.....	.....	.....
Cummings	40	37	43	46	40	Hodgkins	33	51	43	55	43
Edgerly	33	40	34	38	39	Lincoln	40	38	40	51	52
Glines	65	48	70	63	63	Lowe	95	89	89	75	72

TABLE 13.—GRAMMAR SCHOOL GRADUATES, 1907.

Schools.	Number receiving Diplomas.	Number certificated for High School.		Number entering Latin School.		Number entering English School.		Total.		
		Conditionally.	Unconditionally.	Conditionally.	Unconditionally.	Conditionally.	Unconditionally.	Conditionally.	Unconditionally	
Prescott .	37	3	34	1	9	1	19	2	28	30
Knapp .	56	2	54	0	5	1	32	1	37	38
Pope .	36	9	27	1	7	1	9	2	16	18
Bell . .	62	2	60	2	9	2	46	4	55	59
Edgerly .	81	12	64	0	7	6	42	6	49	55
Glines .	62	8	53	2	9	4	35	6	44	50
Forster .	67	16	48	0	19	14	28	14	47	61
Bingham .	35	6	29	0	5	3	14	3	19	22
Carr .	60	3	52	0	15	1	27	1	42	43
Morse .	44	5	39	1	7	3	24	4	31	35
Highland .	126	6	119	0	33	4	66	4	99	103
Hodgkins .	59	3	55	2	13	2	30	4	43	47
Total .	725	75	634	9	138	42	372	51	510	561

TABLE 14.—TRUANT STATISTICS.

	1901.	1902.	1903.	1904.	1905.	1906.	1907.
Number visits of officer to schools . .	470	435	525	429	567	511	474
Absences investigated	502	384	521	387	514	502	499
Cases of truancy	106	163	152	146	150	151	94
Truants arrested	8	. .	24	8	7	11	14
Sent to truant school	9	6	9	5	4	6	9
Number now in truant school . . .	10	9	5	5	8	10	18

TABLE 15.—ATTENDANCE IN ELEMENTARY EVENING SCHOOLS, SEASON OF 1906-1907.

		Prescott.	Bell.	Forster.	Highland.	Total.
Enrolled	Male	51	509	65	92	717
	Female	28	122	18	32	200
	Total	79	631	83	124	917
Ave. membership	Male	33	198	32	53	331
	Female	21	58	9	20	113
	Total	54	256	41	73	444
Ave. attendance	Male	27	143	24	40	244
	Female	18	41	6	15	84
	Total	45	184	30	55	328
Per cent. Att. out of No. belonging		83.3	71.9	73.2	75.3	73.9
Per cent. Att. out of No. enrolled		57.0	29.2	36.1	44.4	35.8
Ave. No. of teachers	Male	2	2	1	1	6
	Female	1	17	2	2	22
	Total	3	19	3	3	28
No. of sessions		82	82	58	82	304
Teachers, cost of		$605 50	$2,890 50	$358 50	$576 00	$4,430 50
Janitors, supplies, and light, cost of		175 71	381 04	162 32	163 42	882 49
	Total	$781 21	$3,271 54	$520 82	$739 42	$5,312 99
Cost per pupil per evening		$0 211	$0 217	$0 300	$0 164	$0 213
Cost per evening		9 53	39 90	8 98	9 02	69 91
Cost per pupil in ave. membership		14 47	12 78	12 70	10 13	11 97
Cost per pupil in ave. attendance		17 36	17 78	17 36	13 44	16 26

TABLE 15 (Concluded).—**Evening High School, Season of 1906-1907.**

	Male.	Female.	Total.
Enrolled	359	272	631
Average membership	136	99	235
Average attendance	102	75	177
Number of teachers	8	8	16
Number of sessions		77	
Cost of instruction		$3,787.25	
Cost of supplies, janitor service, light		1,014.56	
Total cost		$4,801.81	
Cost per pupil per evening		0.352	

Average attendance: October, 240; November, 210; December, 164; January, 134; February, 139.

	No. Sessions.	Enrollment.	Ave. Att.	Cost.	Cost per Pupil.
High, 1906-1907	77	631	177	$4,801.81	$0.352
Elementary, 1906-1907	76	917	328	5,312.99	0.213

TABLE 16.—GRAMMAR SCHOOL GRADUATES

FOR A SERIES OF YEARS.

YEAR.	Prescott.	Bell.	Forster.	Morse.	Highland.	Edgerly.	Pope.	Knapp.	Hodgkins.	Glines.	Carr.	Bingham.	Total.	Average Membership of Grammar and Primary Schools.	Per cent. of Average Membership Graduating.	Entered High School.	Per cent. entering of those Graduating.
1890	54	106	45	56	57								318	6,062	5.24	184	57.86
1891	44	73	41	55	44	39							296	6,035	4.90	199	67.23
1892	41	36	75	49	45	49	36	39					370	6,525	5.67	228	61.62
1893	40	60	48	63	67	46	36	38					398	6,674	5.97	240	60.30
1894	39	29	79	66	68	41	35	32					389	6,600	5.89	253	65.04
1895	36	32	58	63	73	42	36	34					374	6,955	5.37	255	68.18
1896	38	34	72	38	70	46	37	35					370	7,201	5.13	281	76.00
1897	34	39	50	48	41	29	30	25	45	27			368	7,602	4.84	273	74.19
1898	36	43	31	46	36	50	36	28	41	35			382	8,029	4.75	281	73.56
1899	37	50	62	48	49	40	34	34	39	37	38		468	8,351	5.60	345	73.72
1900	36	45	43	31	43	47	44	34	42	36	33		434	8,689	4.99	317	73.00
1901	34	38	70	43	72	47	43	38	41	35	36		497	8,811	5.64	372	74.80
1902	41	48	61	45	67	46	35	31	32	40	51		497	9,328	5.33	350	70.40
1903	34	45	62	35	65	51	28	34	52	31	47		484	9,362	5.17	354	73.14
1904	31	35	84	46	79	44	36	38	40	36	43		512	9,739	5.26	367	71.68
1905	40	40	74	44	85	47	42	48	61	36	58	31	606	10,298	5.88	463	76.40
1906	35	54	67	44	109	49	44	64	58	40	43	33	640	10,209	6.22	474	74.10
1907	37	62	67	44	126	81	36	56	59	62	60	35	725	10,440	6.94	561	77.40
	687	869	1,089	864	1,196	794	588	608	510	415	409	99	8,128	146,910	5.53	5,797	71.32

TABLE 17.— ATTENDANCE STATISTICS

FOR A SERIES OF YEARS.

DECEMBER.	ENROLLMENT.	Average Membership.	Average Attendance.	Per cent. of Attendance.	Number of Tardinesses.	Ratio of Tardiness to Average Attendance.
1886	6,350	4,985	4,678	93.8	2,834	0.606
1887	6,605	5,198	4,879	93.8	2,699	0.553
1888	7,262	5,488	5,174	94.0	2,938	0.549
1889	7,757	5,956	5,585	93.8	2,780	0.498
1890	7,878	6,485	6,075	93.6	3,133	0.516
1891	8,510	6,502	6,091	93.7	3,182	0.522
1892	9,120	7,035	6,608	93.9	3,181	0.481
1893	9,632	7,217	6,790	94.1	3,375	0.497
1894	9,387	7,212	6,840	94.8	3,000	0.419
1895	9,913	7,617	7,255	95.2	2,736	0.377
1896	10,582	8,077	7,663	94.9	2,743	0.358
1897	11,293	8,589	8,144	94.8	2,486	0.305
1898	11,577	9,085	8,636	95.1	2,941	0.341
1899	11,975	9,502	8,965	94.3	2,566	0.286
1900	12,345	9,823	9,174	93.4	2,759	0.300
1901	12,499	9,991	9,350	93.6	2,937	0.294
1902	13,116	10,402	9,733	93.5	3,335	0.343
1903	13,475	10,719	10,056	93.9	3,428	0.342
1904	13,804	11,094	10,422	93.9	3,887	0.373
1905	14,296	11,543	10,897	94.4	3,746	0.344
1906	14,551	11,762	11,069	94.1	4,046	0.366
1907	14,802	11,909	11,166	93.8	4,170	0.373

TABLE 18.—MEMBERSHIP, ETC., OF HIGH SCHOOL

FOR A SERIES OF YEARS.

Year.	Average Membership all Schools.	Largest Number in High School.	Per cent. of Average Membership of all Schools.	Number of Graduates of High School.	Per cent. of Average Membership of all Schools.
1867	2,157	119	5.51	7	0.32
1868	2,285	141	6.17	17	0.75
1869	2,480	158	6.37	25	1.01
1870	2,639	165	6.25	16	0.65
1871	2,549	161	6.31	33	1.29
1872	2,799	186	6.64	21	0.75
1873	3,217	190	5.91	28	0.87
1874	3,265	198	6.06	26	0.79
1875	3,515	213	6.06	31	0.88
1876	3,712	226	6.09	33	0.81
1877	3,788	227	5.91	37	0.98
1878	3,992	250	6.26	31	0.78
1879	4,169	246	5.90	34	0.82
1880	4,278	254	5.93	27	0.63
1881	4,064	256	6.29	34	0.84
1882	4,263	280	6.57	33	0.77
1883	4,438	278	6.26	43	0.97
1884	4,804	315	6.55	46	0.96
1885	4,904	385	7.85	46	0.94
1886	4,985	374	6.70	56	1.12
1887	5,198	387	7.44	53	1.02
1888	5,488	435	7.92	60	1.09
1889	5,956	444	7.45	67	1.12
1890	6,485	487	7.51	60	0.93
1891	6,502	535	8.23	68	1.05
1892	7,035	577	8.20	80	1.14
1893	7,217	626	8.67	82	1.14
1894	7,274	691	9.50	111	1.52
1895	7,617	775	10.17	92	1.21
1896	8,077	858	10.62	119	1.47
1897	8,589	885	10.31	121	1.59
1898	9,085	890	9.80	130	1.43
1899	9,502	985	10.70	137	1.49
1900	9,823	1,031	10.49	131	1.33
1901	9,991	1,098	10.99	152	1.52
1902	10,402	1,138	10.94	164	1.58
1903	10,719	1,208	11.27	181	1.70
1904	11,094	1,286	11.60	179	1.61
1905	11,543	1,372	11.89	211	1.83
1906	11,762	1,473	12.52	208	1.77
1907	11,909	1,614	13.55	223	1.87

TABLE 19.—PROMOTIONS FOR SCHOOL YEAR ENDING JUNE 30, 1907.

Grade.	On June Promotion List.	Unconditionally Promoted to Next Grade.	Promoted on Trial.	Left Behind.	Promoted more than One Grade.	Special Promotions between September and June.	Promotees Dropped back after Three Months' Trial.
I	1,425	1,090	96	236	3	10	12
II	1,419	1,116	139	157	7	3	17
III	1,306	1,041	147	117	1	7	25
IV	1,235	961	155	119	...	9	13
V	1,228	1,009	121	95	3	14	18
VI	1,080	798	146	118	18	8	18
VII	916	642	158	99	17	3	17
VIII	805	588	160	57	...	36	7
IX	751	634	75	42	...	15	9
Total	10,165	7,879	1,197	1,040	49	105	136

Percentage of Promotions for School Year Ending June 30, 1907.

Grade.	On June Promotion List.	Unconditionally Promoted to Next Grade.	Promoted on Trial.	Left Behind.	Promoted more than One Grade.	Special Promotions between September and June.	Promotees Dropped Back after Three Months' Trial.
I	100	76.5	6.7	16.6	0.2	0.7	12.5
II	100	78.6	9.8	11.1	0.5	0.2	12.2
III	100	79.7	11.2	9.0	0.1	0.5	17.0
IV	100	77.8	12.6	9.6	..	0.7	8.4
V	100	82.2	9.9	7.7	0.2	1.1	14.9
VI	100	73.9	13.5	10.9	1.7	0.7	12 3
VII	100	70.1	17.2	10.8	1.9	0.3	10.8
VIII	100	73.0	19.9	7.1	....	4.5	4.4
IX	100	84.4	10.0	5.6	....	2.0	12.0
Average	100	77.6	11.7	10.2	0.5	0.9	11.4

TABLE 20.—RESIGNATION OF TEACHERS, 1907.

School.	Teacher.	Resignation Took Effect.	In Service.
Latin High .	Grace T. Pratt	June 30	6 years
English High .	Ella A. Newhall	"	1 "
Hanscom . .	Caroline Boardman	"	10 "
Hanscom . .	Lina E. Dill	"	10 "
Hanscom . .	A. Gertrude Deane	Dec. 24	4 months
Baxter . . .	Dorothy G. MacLam	May	4 years 9 mos
Glines . . .	Zelpha L. Thayer	February	5 " 6 "
Glines . . .	Nellie E. Briggs	April	9 " 8 "
Glines . . .	Blanche S. Hall	October	2 " 1 "
Bingham . .	Mabel E. Perry	June 30	11 years
Carr	Anne E. Bragdon	"	9 "
Morse . . .	Anna E. Sawyer	"	34 "
Durell . . .	Etta G. Rochefort	January	4 "
Burns . . .	Elizabeth A. Davies	June 30	14 "
Highland . .	Lois M. Thompson	"	1 " 4 mos.
Highland . .	Edna F. Grant	October	4 " 1 "
Hodgkins . .	Etta M. Miller	January	1 "
Bell	Gorda N. Bean	Died Dec. 6	1 year 4 mos.

TABLE 21.—TEACHERS ELECTED IN 1907.

School.	Teacher.	Coming From	Began Service.	Salary.
Latin High . .	Gertrude M. Hall	Winchester	Sept. 11	$900
English High .	Albert I. Montague	Natick	"	1,400
English High .	Mary E. Hadley	Milton	"	900
English High .	Winifred E. Howe	N'w Britain,Conn.	"	900
English High .	Flora E. Anderson	Revere	"	800
Hanscom . .	A. Gertrude Deane	Seattle	"	650
Hanscom . .	Phenie L. DuGar	Everett	"	650
Hanscom . .	Linnie M. Moulton	Everett	Jan. 20,'08	700
Perry	Sarah E. Murphy	Somerville	Sept. 11	650
Knapp . . .	Florence M. Hopkins	Winthrop	March	600
Glines	Louise V. Richardson	Jewett City	Dec. 2	650
Bingham . . .	Georgia M. Robbins	Somerville	Sept. 11	650
Carr	Gladys A. Budgell	Hingham	"	525
Proctor . . .	Alice G. Hosmer	Somerville	"	700
Durell	Lucie H. Chamberlain	Concord, N. H.	Jan. 2	650
Burns	Bessie I. Sutton	Stonington,Conn.	Sept. 11	700
Brown	George I. Bowden	Everett	Jan. 20,'08	1,600
Brown	Rena H. Wiley	Somerville	"	600
Highland . .	Marguerite Burns	Worcester	April	650
Highland . .	Josephine Marston	Needham	Sept. 11	650
Highland . .	Marie Clifford	. . . . .	"	700
Glines Manual Training . .	Andrew Bjurman	Huntington, Pa.	Sept. 11	1,100
Carr Manual Training . .	Willis E. Higgins	Lewiston, Me.	"	1,100

ASSISTANTS IN SERVICE DECEMBER, 1907.

Burns . . .	Annie Sanburn
Proctor . .	
Lowe . . .	
Baxter	Lillian M. Huntington
Carr	Pearl F. Dame
Carr	Emma M. McKinley
Morse	Lena Munroe
Brown . . .	Annie L. Ball
Lincoln . . .	Nona Blackwell
Lincoln . . .	Alice A. Tufts

CADETS.

Ellen A. Baker	Lynda V. Merrill	Alice L. Reid

TABLE 22.—LEAVE OF ABSENCE OF TEACHERS.

September 11, Gertrude Friend, for school year ending June 30, 1908.
September 11, Mary H. Joyce, for school year ending June 30, 1908.
November 28, Helen Tincker, for remainder of school year ending June 30, 1908.

TABLE 23.—TRANSFER OF TEACHERS.

Teachers.	From	To
Minnie A. Holden	Knapp	Baxter
Emma A. Gilman	Morse	Proctor
Blanche E. Thompson	Proctor	Morse
Jennie P. Chapman	Highland	Burns

TABLE 24.—NUMBER OF TEACHERS

FOR A SERIES OF YEARS.

Year.	High School.	Grammar School.	Primary School.	Special Teachers.	Assistants not in charge of room.	Men.	Women.	Total.
1886	9	62	48	1	0	9	111	120
1887	10	64	48	1	0	9	114	123
1888	10	66	52	4	7	9	130	139
1889	10	60	56	4	7	10	127	137
1890	10	78	58	5	7	12	146	158
1891	12	86	63	5	13	12	167	179
1892	13	90	67	5	10	12	173	185
1893	14	88	63	5	19	12	177	189
1894	15	91	66	6	11	12	177	189
1895	28	91	73	5	12	19	186	209
1896	30	102	74	6	14	22	208	230
1897	31	109	85*	6	18	22	227	249
1898	32	112	87*	7	13	23	229	252
1899	36	119	92*	7	9	23	240	263
1900	40	127	96*	7	6	24	249	273
1901	44†	130	94*	7	8	26	257	283
1902	45†	140	91*	7	9	26	266	292
1903	46†	143	96*	7	14	25	281	306
1904	48‡	152	98*	7	9	27	285	312
1905	48‡	153	100*	7	7	27	288	315
1906	54‡	157	99*	7	9	29	297	326
1907	57‡	160	97*	9	14	32	305	337

*Including four kindergartners.
†Including two secretaries.
‡Including one secretary.

TABLE 25.—BOOKS AUTHORIZED FOR USE, 1907.

For Grammar and Primary Schools.

As reference books.

The Stevenson Song Book.....Oliver Ditson Co.
Songs of the Child World, Nos. 1 and 2.....Oliver Ditson Co.
Songs of Father Goose.....Oliver Ditson Co.
Songs for Tom, Dick, Bob, and Peggy.....Oliver Ditson Co.
Franklin Square Song Collection, No. 1.....Oliver Ditson Co.
Songs for Little Children, Part One.....Oliver Ditson Co.
Songs and Games for Little Ones.....Oliver Ditson Co.
Elson's History of the United States.....Macmillan Co.
The Story Reader.....Globe Publishing Co.

As text-books.

Graded City Speller, Chancellor.....Macmillan Co.
Good Health, Luther H. Gulick, M. D.....Ginn & Co.
The Sunbonnet Babies' Primer, E. O. Grover...Rand, McNally & Co.

For High Schools.

As reference books.

March's "Thesaurus."
Fall of Rome and Rise of New Nationalities.....J. G. Sheppard
Ancient History, West.....Allyn & Bacon
The Human Mechanism, Hough & Sedgwick.....Ginn & Co.
Experimental Physiology, Hall.....Lea Brothers
Text-Book of Physiology, Hall.....Lea Brothers
Text-Book of Physiology, Howell.
Food and Dietetics, Hutchinson.....William Wood & Sons
Elementary Anatomy and Physiology, Moore,
Longmans, Green & Co.
Biology of Frog, Holmes.
American Insects, Kellogg.....Henry Holt & Co.
Insecta, Hyatt.....D. C. Heath & Co.
Commercial Geography, Jacques W. Redway..Charles Scribner's Sons
Commercial Raw Materials, Charles R. Toothaker.....Ginn & Co.

As text-books.

Geissbub von Engelberg, Bernhart.....D. C. Heath & Co.
Introductory French Prose Composition, Francois.
Essentials of German, B. J. Vos.....Henry Holt & Co.
The Geography of Commerce, Spencer Trotter.....Macmillan Co.

TABLE 26.—GRADUATION EXERCISES, 1907.

High Schools.

The graduation exercises of the high schools occurred on Thursday, June 27, at the First Methodist Episcopal Church, in the presence of a large audience of parents and friends.

The formal address to graduates was given by Rev. Frederick W. Hamilton, D. D.

At the close of the address, the chairman of the committee, F. A. P. Fiske, presented diplomas to the 223 members of the graduating classes.

Order of Exercises.

Frederick A. P. Fiske, Chairman of School Board, presiding.

1. Overture.
   "Le Domino Noir." Auber
   Orchestra.
2. *†Singing.
   "Spring Song" (four-part song). Pinsuti
3. Prayer.
   Rev. William H. Pierson.
4. †Singing.
   Trio, "The Lark, Finch, and Song Sparrow." Taubert
   Misses Conover, Floyd, Kimpton, and Grimshaw, L. H. S.
   Misses Bowditch, Russell, Linnell, Hartwell, and Sargent, E. H. S.
5. Address to Graduates.
   "What Is Education Good For?"
   Rev. Frederick W. Hamilton, D. D., President of Tufts College.
6. Singing.
   Cantata: "The Wreck of the Hesperus." Anderton
   Solos by Miss Bowditch and Mr. Loftus, E. H. S., and Mr. Lamont, L. H. S.
7. Presentation of Diplomas.
   Frederick A. P. Fiske, Chairman of School Board.
8. †Singing.
   Humorous Glee: "Little Jacky Horner." Caldicott

* All singing accompanied by the orchestra, under the direction of S. Henry Hadley, teacher of music in the schools.
† Arranged for orchestra by S. Henry Hadley.

Latin High School Graduates.

Florence Elizabeth Adams.
Edith Harriet Bradford.
Elysabeth Louise Budgell.
Grace Marian Burt.
Mabel Conover.
Ruth Eunice Conover.
Dorothy Crane.
Susie Ashton Cutler.
Annie Frances Daniel.
Florence Jarvis Derby.
Harriet Ame Ellis.
Gelette Frances Emery.
Ona Ann Evans.
Theda Ellen Fleming.
Irene Morton Floyd.
Katherine Foote.
Ellen Madeleine Ford.
Edna Lulu Goodwin.
Grace Emery Gridley.
Margaret Munroe Grimshaw.
Ada Florence Hallett.
Isabel Emerson Hallett.
Marion Louise Hanscom.
Harriet Louise Harrington.
Helen Lakin Higgins.
Miriam Fosdick Hills.
Harriet Mildred Holden.
Helen Howard Holmes.
Alice Hunnewell.
Lucie Bell Hyde.
Elizabeth Lillian Kimpton.
Ethel Sylvester Kingman.
Irene Mason Kimball.
Ethel Mildred Libby.
Anna Elizabeth McCarthy.
Katherine Josephine McCarthy.
Inez Frances Merrill.
Laura Augusta Miille.
Edith Marion Pearson.
Ethel Tucker Phillips.
Margaret Adams Sargent.
Edna May Sturtevant.
Florence Mildred Sturtevant.
Martha Banning Thomas.
Nellie Bates Thomas.
Harriet Cyrene Wedgwood.
Gladys Pauline Weissbach.
Hazel White.

John Mortimer Benting.
Charles Alfred Benway.
Tenney Lombard Davis.
Charles Wentworth DeWolf.
Henry Grattan Doyle.
Ralph Brintnall Durell.
Malcolm Graham Fillmore.
Howard Allison Gray.
William Arthur Higgins.
Kenneth Page Hill.
Seward Thompson Jarvis.
Richard Roy Lamont.
John Harold LeGallee.

James Henry Leonard.
Charles Samuel Merrill.
Walter Everett Merrill.
Alton Lombard Miller.
William Henry Charles Nolan.
John Harrison Phelps.
Irving Poole.
Willard Burr Savary.
Fred Burgess Skillin.
Rufus Stickney Tucker.
Max Leon Waterman.
Ralph Edwin Whitman.
Harold Vincent Williams.
Lawrence Leathe Winship.

English High School Graduates.

Marguerite Milne Anderson.
Ethel Marie Ball.
Mabel Pansy Banks.
Nellie Beatrice Beaudet.
Jennie Ethel Blenkhorn.
Jennie May Blois.
Alice May Bowditch.
Isabelle Macadam Brunton.
Edna Taylor Burns.
Helen Louise Busteed.
Elsie Florine Clark.
Marion Gertrude Cleverly.
Agnes Abigail Ellen Colgan.
Mary Elizabeth Coughlin.
Jean Douglas Cox.
Mary Gertrude Cronin.
Mary Elizabeth Delay.
Ruth Francis Derby.
Alice May Donahue.
Ellen Matilda Drew.
Margaret Helena Driscoll.
Esther Hope Dunning.
Eva Francetta Durell.
Mary Louise Ennis.
Cecilia Epstein.
Ethel Hazel Fallis.
Helen Mildred Fitzpatrick.
Annie Golden.
Laura Winifred Gordon.
Anna Marvin Dorothy Hare.
Grace Veronica Harrington.
Edna Helena Harrison.
Ethel Mae Hartwell.
Sarah Rita Hatch.
Mary Theresa Hayden.
Ellen Reed Holmes.
Gertrude Blanche Hughes.
Lillian May Jennings.
Gertrude May Johnson.
Anna Frances Jones.
Rose Agnes Knox.
Gertrude Lillian C. Larsen.
Mary Agnes Leahy.
Hattie May Linnell.
Bertha Emelyn Lord.
Agnes Celestine Loth.
Marguerite Lyman.
Gertrude Catherine Macdonald.
Margaret Loretta Mack.
Madeleine Virginia Martis.
Mary Loretta McGovern.
Elizabeth Teresa McKenna.
Marion Merrill.
Mary Erma Morgan.
Ella Margaret Mullen.
Marguerite Ethel Nichols.
Carolyn Louisa Noyes.
Elizabeth Adelaide O'Riley.
Elsie Maude Pearce.
Helen Clara Perkins.
Gertrude Pickering.
Harriet Lena Pipe.
Brunette Helen Preston
Edith May Provost.
Dagmar Estelle Quarnstrom.
Lillian Marie Quinlan.
Harriet Faulkner Ray.
Bertha Wood Richards.
Effie May Ritchie.
Nora Teresa Robinson.
Margaret Alice Russell.
Cora Hughes Sargent.
Anna Ella Smith.
Annie Elizabeth Smith.
Miriam Belle Smith.
Mildred Gray Snow.
Alice Linea Soderquist.
Shirley Alice Stevens.
Vivian Elizabeth Stevenson.
Luella May Strout.
Mary Loretta Sullivan.
Helen Hayward Tainter.
Sophia Emily Turner.
Gladys Ethol Washburn.
Emily Laura Wilson.
Lucy Frances Wiswell.

Edmund Augustus Arnold.
Harold Eaton Babbitt.
Roger Irwin Baker.
William Atkins Bishop.
Herbert Elias Blaisdell.
Almer Edward Blunt.
Richard Aloysius Brennan.
Edward Roland Callow.
Edward Hugh Cameron.
Louis Bernard Connelly.
Thomas James Cudmore.
Lawrence Albert Dewire.
Francis Peter Fallon.
Leroy George Fitzherbert.
Chester Leon Foster.
Arthur Wallace Freeman.
Charles Rodney Gilley.

Frank Carlton Gorman.
William Thomas Henderson.
Charles Parker Hilliard.
Harold James Holman.
James Frederick Holmes.
Merton White Hopkins.
Ralph Winfield Hopkins.
Everett Wesley Ireland.
Charles Algott Johnson.
Thor Olof Kindlund.
Jasper Andrew Lane.
Harry LeRoy Loftus.
John Michael Joseph Madigan.
Stephen Joseph Malone.
William Henry Marshall, Jr.
Walter Harrison McIntosh.
John James McLaughlin.
Chester Weston McNeill.
Charles Edward Merrill.
Philip Arthur Merrill.
Henry Wood Munroe.
Ralph Southwick Nealy.
Joseph Victor Pacios.
Herman Alfred Pauly.
Paul Henry Pearson.
Raymond Austin Rich.
Harold Porter Richardson.
Lawrence Wilson Richardson.
John William Robbins.
Lewis John Ronan.
Louis Edward Rose.
Thornton Allan Snow.
Charles Murdock Sullivan.
Irving Rushton Taylor.
Max Charles VerWiebe.
Gustav Frederick Virchow.
William John Walsh.
Carl Hosmer Ward.
Charles Austin Wheeler.
Walter Lucius Wheeler.
Avard Emery Wheeler.
Emmons Joseph Whitcomb.
Carrol Nathan Whitney.
Maurice Winn.
Kourken Avedis Yacubian.

TABLE 27.—GRAMMAR SCHOOL GRADUATES.

The lack of a hall large enough to accommodate all the grammar school graduates and their friends compelled us to devote two evenings to the graduation exercises. Accordingly, Tuesday evening, June 25, and Wednesday evening, June 26, were set apart for the purpose.

The following was the order of exercises on Tuesday evening:—

Order of Exercises.

J. Walter Sanborn, Vice-Chairman of the School Board, presiding.

1. Overture.
   "Light Cavalry." Suppé
   Orchestra.
2. Prayer.
   Rev. Hermon S. Pinkham.
3. *†Singing.
   "The Shades of Eve Are Falling" (Girls' Voices). Abt
   Soprano Solo, Boys' Voices.
4. Address.
   "Happiness and Helpfulness."
   William C. Bates, Superintendent of Schools, Cambridge.
5. Singing.
   Phantom Chorus, "La Sonnambula." Bellini
6. Address to Graduates and Presentation of Diplomas to Graduates of the Knapp, Pope, and Bell Schools.
   J. Walter Sanborn, Member of School Board, Ward Five.
7. Singing.
   Cantata, "The Village Blacksmith." Noyes
   Organist, Albert Wilson.

* All singing accompanied by the orchestra, under the direction of S. Henry Hadley, teacher of music in the schools.
† Orchestration by S Henry Hadley.

8. Presentation of Diplomas to Graduates of the Forster, Bingham, Carr, and Morse Schools.
Mr. Sanborn.

9. Singing.
Vocal Waltz, "A Day on the Water." Veazie
(By General Request.)

Names of Graduates.

KNAPP SCHOOL.

Sylvia U. Anderson.
Loretta M. Baker.
Elsie G. Blois.
Mazie E. Bradley.
Jennie S. Campbell.
Angelo Capodanno.
Herbert W. Carr.
Earl E. Clough.
Charles J. H. Colgan.
Charles D. Collins.
Russell J. Coogan.
John F. Crowe.
Elizabeth A. Currie.
Earl Dalrymple.
Mary J. Dewire.
Mary G. Donnelly.
Chester E. Eaton.
Frederick Evenson.
Mary L. Gallagher.
William J. Garvin.
Helen I. Gillespie.
Margaret A. Gillespie.
Avis M. Granner.
Edith J. Granner.
Edwin J. Grant.
Marion E. Guild.
Ralph D. Harrington.
Catherine C. Howard.
James M. Kiley.
Frank L. Leonard.
Abraham Levy.
Charles L. Lienhard.
John E. Lynch.
Charles V. Lyons.
Henry F. Madden.
Annie MacDonald.
Katherine E. McDonough.
Agnes E. McIntosh.
Grace E. MacNeil.
Harry L. Marsters.
Millicent F. Morrison.
Josephine M. Neagle.
Raymond L. Nichols.
James F. O'Brien.
John P. O'Keefe.
Elsie S. Remick.
Enrico L. L. Rinaldi.
Lawrence P. Rondina.
Ellen L. Sheehy.
Anna G. Sheridan.
Elizabeth E. Stevenson.
Rachel A. Stevenson.
William J. Sweeny.
Elizabeth R. Wallace.
Charles P. T. Winters.
Lillian Wolf.

POPE SCHOOL.

Ida M. Abell.
Gertrude P. Alexander.
Mary Agnes Blute.
Ruth Burns.
Florence G. Casey.
Thomas F. Casey.
Ethel Vose Chisholm.
Margaret M. Chrisaphe.
Ralph W. Christie.
Willard L. Cole.
Harold E. Giles.
Ina Gullage.
Charlotte E. Hall.
Pauline E. Hannam.
Jeannette K. Hermiston.
George A. Hopkins.
M. Ethel Irwin.
Helen May Johnson.
Mary E. Keefe.
Annie F. Kelliher.
William A. Little.
Ruth M. Milligan.
Ethel Louise Mitchell.
Bessie L. Murray.
Mary Frances Pecheur.
Ralph Oliver Phillips.
Sarah Richmond.
Ida Mae Roberts.
Emma Louise Rouse.
Henrietta E. Sargent.
Bernice Claire Scott.
Ella Elizabeth Sullivan.
William Robert Turnbull.
Helen Weekes.
Amy Beach Wood.
Thomas J. Woods.

BELL SCHOOL.

L. Mildred Atwood.
Alice M. Babcock.
William B. Bailey.
Harold E. Bennett.
Harry B. Benson.
Lawrence W. Bickford.
Florence C. Bowen.
Margaret M. Breen.
Gilbert E. Bridges.
Leroy C. Bridges.
Joseph H. Butters.
Charles F. Caldwell.
Roderick A. Cameron.
E. Lena Clark.
J. Leo Clark.
Charles M. Clarke.
Vincent T. Crimmings.
Alice E. Cummings.
S. Ernest Cutler.
Ruth H. Dillon.
Irene K. FitzPatrick.
Janet A. Fyfe.
John S. Fyfe.
Albert W. Galway.
Clinton B. Gifford.
Gladys B. Hastings.
Katharine T. Hickey.
Florence L. Hogan.
Selina A. Hunt.
Frank A. Hurley.
Arthur H. Jarvis.
Esther M. Johnson.
Preston K. Landers.
Palmyra M. Lemos.
Mildreda R. Malcom.
Harold E. Marks.
Ethel B. McWilliams.
Lillian R. McWilliams.
William B. Moloney.
Edward J. Muldoon.
Lillian M. Musgrave.
Irene C. Nardini.
Theresa M. Nardini.
Sara M. Nolan.
Guy A. Petrie.
Otis R. Prior.
S. Francis Reddick.
Edward M. Robinson.
Edith M. Rolfe.
Edith C. Stackpole.
Ruth E. Sterling.
Alfred B. Sullivan.
Phillips Tead.
Jennie H. Turner.
David W. Walsh.
Robert J. Welch.
Ruth L. Whitehouse.
Ethel A. Winchenbaugh.
Leigh W. Wright.
Alice I. Wyman.
Elsie L. Wyman.
Emil Ziegel.

FORSTER SCHOOL.

Chester S. Anderson.
Oliver P. Arnold.
W. Dale Barker.
Douglas M. Beers.
Norman L. Beers.
Frank C. Berry.
Marjorie E. Boss.
Annie E. Brine.
Jennie A. Bryden.
H. Marion Caldwell.
Mary F. Capen.
Mabel G. Cohen.
F. Regina Cole.
Ruth Cummings.
Julia F. Currier.
Raymond A. Cushing.
Frank B. Davis.
Perry L. DeNoyer.
Florence E. Dinsmore.
Fred F. Dunton.
Meta P. Eisenhauer.
W. Harmon Farrow.
Joseph S. Fogarty.
Maud S. Fuller.
Winthrop H. Gage.
Annie L. Gullion.
Warren K. Hanscom.
Carl N. Holmes.
Eva B. Hood.
Ina R. Howland.
Earl C. Jameson.
Marion L. Johnquest.
George O. Johnson.
Helen M. Kaula.
Leslie E. Knox.
Clarence E. Lent.
Eustis R. Macdonald.
William L. Magoon.
G. Harold Martin.
John J. McCarthy.
Marguerite M. McCarthy.
William J. Meskill.
Carl W. Miller.
Irene F. Morris.
Winifred R. Mulholland.
Frank H. Newton.
Hazel V. Paris.
Adrian E. Patterson.
Svea M. Pearson.
Ilene C. Ritchie.
Thomas J. Roberts.
Marion L. Ronan.

John W. Ross.
Ira A. Russ.
Walter E. Sidebottom.
Harry B. Smith.
Frederick W. Stetson.
Edwin M. Stevens.
Julia Stowers.
Irving P. Taylor.
H. Prescott Tucker.
Leila M. Twombly.
Preston Ware.
Eliza Welch.
Walter S. Willis.
Albert E. Wilson.
Beatrice H. Woods.

BINGHAM SCHOOL.

Augustus H. Babin.
Percy W. Baker.
Richard A. Burke.
Charles M. Corey.
Frederick W. Costa.
Agnes V. Cronin.
Eleanor V. Cudmore.
Arthur I. Donahue.
Barbara Donahue.
Mary T. Doyle.
William H. Ethier.
Ellen T. Gannon.
John W. Garrick.
Emma M. Goguen.
Mary E. Golden.
Bernard J. Hagan.
Mae T. Hubert.
Catherine A. Kelly.
Theresa L. Kelly.
Alice I. Lomasney.
Gertrude C. Lucas.
Hattie A. Macdonald.
Mary G. Madigan.
Elizabeth R. Mahoney.
Dearborn J. McAleer.
James F. McGoldrick.
Margaret M. McLaughlin.
Harriet C. McNeill.
Alexander F. Morgan.
J. Howard Paschal.
Lois A. Patterson.
Josephine A. Ring.
Mathew L. Ring.
Isabelle G. Savage.
Mary E. Sullivan.

CARR SCHOOL.

Helen G. Baird.
William J. Bouse.
Stanley H. Bowlby.
Ruth E. Browne.
Ernest A. Carpenter.
M. Hope Carpenter.
Ethel N. Carr.
Paul E. Carrigan.
Frances E. Collins.
Helen M. Cox.
Gladys L. Dailey.
Gordon R. Danforth.
Richard F. Davis.
Dorothy Derby.
John A. Ferrara.
Annie A. Fitzmaurice.
James V. Gilli.
Helen F. Halnan.
Edward F. Hanlon.
Bernadena A. Hart.
Mary L. Hemenway.
Mary J. Holden.
Lester N. Holmes.
Philip A. Humphrey.
Victor M. Hyden.
Margaret B. Jackson.
William D. Keenan.
Stewart Keith.
Miriam R. Kingman.
Karl D. Kolseth.
Alfonso A. Landini.
Mildred F. Lane.
Josephine W. Leatham.
Margaret Lincoln.
James J. Lynch.
Therese A. Magnusson.
Elizabeth S. Mazoni.
Marie M. McCarthy.
Agnes C. McGrath.
Arthur S. Melvin.
Ruth A. Merrill.
Ormiston C. Mitchell.
Lucinda M. Morrison.
John F. Meskell.
Annie E. Murphy.
Christopher T. O'Neil.
Arthur E. Peterson.
Clarissa M. Pierce.
Arthur J. Quigley.
Arthur E. Rockwood.
Leo E. Ryan.
Josephine E. Smith.
Effie Sharp.
Ruth P. Stone.
Annie L. Sullivan.
William J. Tattan.
Mary G. Wallace.
H. Sherburne Wiggin.
Margaret R. Young.
Ralph J. Young.

MORSE SCHOOL.

Frances W. Abbott.
Catherine P. Anderson.
Frank M. Bartlett.
Alexander H. Blackett.
Annie E. Blackett.
Laura A. Brace.
Emma Bragole.
Vincent P. Brine.
Charlotte M. Cann.
Winifred M. Eldredge.
Frank H. Fallis, Jr.
Ernest M. Fisher.
Irene H. Fitzpatrick.
Eliza K. Giragosian.
Ida Golden.
Margaret C. Heavern.
Gladys E. Hopkins.
James E. McDonald.
Margaret E. McDonald.
Agnes H. McGovern.
Malcolm R. McKenny.
Catherine F. Meagher.
William A. Miller.
Lillian S. Moore.
Alena E. Morris.
Bernard A. Nangle.
Irene M. Nichols.
Grace L. Perry.
J. Austin Pierce.
Earle K. Ralph.
Mary B. H. Robertson.
Annie W. Robinson.
Frederick T. Rooke.
George F. Rose.
C. Joseph Sloane.
Herbert F. Sloane.
Harold J. Smith.
Marion G. Somes.
Andreas H. Tomfohrde.
Madeline E. Tuttle.
Fannie A. Weinberg.
Gladys E. Wood.
James F. Wood.
Edward Vroom.

The following was the order of exercises for Wednesday evening:—

Order of Exercises.

Frederick A. P. Fiske, Chairman of School Board, presiding.

1. Overture.
   "Light Cavalry." Suppé
   Orchestra.
2. Prayer.
   Rev. Berton L. Jennings.
3. *†Singing.
   "The Shades of Eve Are Falling" (Girls' Voices). Abt
   Soprano Solo, Boys' Voices.
4. Address.
   Henry T. Bailey, North Scituate.
5. Singing.
   Phantom Chorus, "La Sonnambula." Bellini
6. Address to Graduates and Presentation of Diplomas to Graduates of the Prescott, Edgerly, and Glines Schools.
   George E. Whitaker, Member of School Board, Ward Three.
7. Singing.
   Cantata, "The Village Blacksmith." Noyes
   Organist, Harry Cutting.
8. Presentation of Diplomas to Graduates of the Highland and Hodgkins Schools.
   Mr. Whitaker.
9. Singing.
   Vocal Waltz, "A Day on the Water." Veazie
   (By General Request.)

* All singing accompanied by the orchestra, under the direction of S. Henry Hadley, teacher of music in the schools.
† Orchestration by S. Henry Hadley.

PRESCOTT SCHOOL.

Harry O. Babcock.
John J. Bannon.
Katie E. Barrett.
Grace E. Berry.
Charlotte L. Blanchard.
Mary J. Byrnes.
Violet A. Carlson.
Louisa M. Clain.
Gladys M. Dix.
Marguerita B. Elliott.
Ruth Gibbs.
Georgianna M. Goodrich.
W. Gardner Goodrich.
George E. Harding.
Mae A. Hughes.
John J. Kelleher.
Edward J. McCaffrey.
Emily I. McCarragher.
F. Alfreda McCombie.
C. Allen Moore.
Dorothy R. Morgan.
Agnes C. Muldoon.
Mary T. Muldoon.
Leo T. Murphy.
Minnie M. O'Donnell.
Laura D. Richardson.
Bessie M. Seely.
Edward F. Shea.
Theresa G. Shea.
Sarah E. Sheehan.
A. Gertrude Sheridan.
Francis P. Sheridan.
Marion E. Sullivan.
Albert W. Tolman.
Alfred Whitehouse.
Alta V. Whitman.
Mildred L. Winship.

EDGERLY SCHOOL.

Jennie M. Adrian.
Alice M. Augusta.
Frank A. Barber.
Marion I. Blair.
William R. Blenkhorn.
Lillian I. Booker.
Everett J. Boothby.
Edward O. Braxton.
Walter A. Burnham.
Annie W. Carr.
Lillian C. Chaffee.
George E. Chandler.
Gladys E. Chipman.
Mary A. Coakley.
Robert V. Coleman.
Mary A. Conway.
Sadie E. Conway.
Ethel L. Cooper.
Robert F. Copeland.
Alice R. Corey.
Thomas E. Cruise.
Mary E. Cutler.
Marion H. Davis.
Ethel M. Dean.
Anna L. DeAveller.
Margaret M. Doherty.
Ruth A. Donnelly.
William H. Driscoll.
Howard W. Eaton.
J. Hervey Edson.
Grace H. Farrell.
Raymond H. Farr.
Annie L. Ferguson.
Lawrence L. Fidalgo.
Mary L. Fidalgo.
Edna P. Finley.
Loretta E. Foss.
James A. Frazer.
Harry A. Freeto.
Walter S. Hamilton.
Bernice C. Harvey.
John F. Hasson.
Orville R. Hayden.
Helen A. Hudson.
L. Louise Hunt.
Arthur C. Lee.
Helen H. Linnell.
Daniel P. F. Looney.
A. Lulu Macdonald.
Louise E. Macdonald.
F. Walter Marshall.
R. Edna Mee.
Amy F. Merrill.
Melvin J. Messer, Jr.
John F. Messenger.
Helen K. Miller.
Edith F. Monroe.
Frank Murray.
Howard B. Parker.
Winnifred D. Patten.
Elizabeth S. Perry.
L. Verna Peters.
Ralph H. Prince.
Harris M. Ramsdell.
Lillian G. Riley.
Clayton E. Robinson.
Charles F. Ryan.
Charles L. Seely.
Marion J. Stanchfield.
Bertha F. Staudinger.
Marguerite C. E. Stetfield.
Florence V. Stewart.

Jennie E. Timmons.
Alice L. Tracy.
Edith E. Trickey.
Marion G. Tripp.
Eleanor P. Turner.
Malcom W. Valentine.
Carl N. Van Ness.
Grace L. Webber.
Arthur E. Wright.

GLINES SCHOOL.

Carrie L. Adell.
M. Theresa Alletzhausser.
Mildred L. Angell.
Norman S. Atwood.
Lester W. Ball.
Flora I. Bean.
Marian F. Bridgham.
Attilio J. Cadario.
Frank J. Cahalan.
Zillah Campbell.
Florence A. Cowan.
Bessie P. Doctoroff.
Florence H. Doe.
Margaret Donnelly.
Ethel M. Dooley.
Charles G. Eastman.
Eva F. Ercolini.
Marion F. Estee.
Charles A. Fulton.
Mary B. Gay.
Ivadell Gray.
Clayton M. Hager.
Arthur D. Hall.
Emily N. Hallett.
Edgar E. Hayes.
Beatrice A. Heckbert.
Gordon H. Hennessey.
Margaretta W. Hill.
Ellen G. Hopkins.
Bessie Jacobs.
Harold P. Jensen.
Bertha B. Johnson.
Esther L. Johnson.
Annie E. Leahy.
William J. MacCorkle.
Elizabeth F. March.
Ettori Massari.
Mary L. Morris.
Emily P. Morton.
Henry S. Mullen.
Olive E. Munday.
Beatrice A. Nason.
Edwin W. Nelson.
Mildred E. Page.
Everett L. Reed.
Clayton B. Rennie.
Herbert F. Rich.
Margaret L. Rich.
Sadie B. Rovich.
Homer A. Sargent.
Lucile M. Smalley.
Cora B. Smith.
Earl F. Snow.
Isabella W. Steel.
Ethel F. Strom.
Edna C. Tomfohrde.
Ruth F. Walker.
F. Irene Watson.
Hattie M. Webber.
Wildflower B. Weed.
Heazle V. Woodman.
Gladys A. Cameron.

HIGHLAND SCHOOL.

Carleton C. Adams.
Harriet G. Anderson.
Mildred E. Anderson.
Theodore A. Andersen.
John C. Artz.
Francis X. Atkinson.
Hazel L. Baker.
Haidee Banfil.
Elizabeth M. Barnaby.
Max F. Barnes.
Boris U. Bernson.
Mitchel L. Bernson.
Florence K. Billings.
Dorothy G. Bonney.
J. Lawrence Brown, Jr.
Wilma A. Brown.
Malcolm T. Calder.
Fred A. Calkin.
Susan M. Calkin.
Greta S. Carlson.
Aaron W. Chadbourn.
Ruth W. Chenoweth.
Edward L. Clark.
Fred J. Cliff.
William E. Conant.
Robert C. Cowan.
Marion E. Cummings.
Lester W. Dearborn.
Sara E. DeWolf.
Charles A. Dickerman.
Robert E. Dickson.
Carol Dunham.
Helen Dupuy.
William H. Dwyer.

Marion L. Emery.
Nathan Epstein.
Georgia M. Fenwick.
Helen T. Field.
E. Earl Fisher.
Helen L. Fiske.
Florence E. Fox.
Albert S. Fuller.
Edith M. Gardner.
Geneva D. Gardner.
Ruth A. Gillis.
Edward L. Graves.
Elsie F. Graves.
Walter E. Graves.
Edith J. Grimes.
Florence E. Hackett.
Emma F. Haliburton.
C. Emory Hamann.
Inez U. Harrison.
Charles Hartman.
Herford C. Hartwell.
Herbert M. Harvey.
G. Alexander Haskell.
Lester W. Heath.
Edith B. Hopkins.
Leon A. Howe.
Joseph G. Howland.
Clarence L. Hoyt.
Paul F. Hunnewell.
Norman Hunter.
Ruth E. Hyde.
Rodney Ingham.
Gertrude I. Innis.
Mildred H. Jones.
Bernice A. Kendall.
Ottis M. Kincaid.
Mildred R. Leavitt.
Avis B. Leonard.
Minott W. Lewis.
Ruth E. Lindgren.
Wilfred Linfield.
Olive E. Long.
Roy V. Macdougal.
Vera E. Macdougal.
Ella F. Macgowan.
Gertrude M. MacNeil.
John H. Marshall.
Marion C. Marshall.
Clare H. McDuffee.
A. Josephine McNeill.
John Medina, Jr.
Laurence M. Middlemas.
Norville L. Milmore.
Florence E. Mitchell.
George E. Molen.
Fred S. Morison.
A. Irvin Morrell.
James A. Morrison.
Florence G. Morse.
L. Howard Moses.
George C. Newcombe.
Genevieve G. Niles.
B. Irene O'Brien.
Fletcher H. Odams.
Ruth B. Peirce.
William G. Penney.
Alice Reynolds.
Alfred M. Rideout.
Harry R. Rogers.
Hester G. Rogers.
Carl E. Ryder.
Gertrude A. Saunders.
Frank J. Schofield.
Beatrice A. Scott.
Daniel W. Shedd.
Pauline A. Skilton.
Dorothy S. Sleeper.
Clara M. Smith.
Miriam I. Sproule.
Fred R. Starratt.
Rosamond Tarleton.
Hattie E. Tower.
Harold S. Turner.
William T. Van Atten.
Mildred H. Vinton.
Josephine I. Wahlstrom.
Arthur S. Waldron.
B. Alpheus Ward.
Winnifred C. Waugh.
Maitland S. Wellington.
Mary R. Whitelaw.
Arthur P. Williams.
Ruth L. Young.

HODGKINS SCHOOL.

Evelyn F. Atkins.
Carrie L. Ball.
Florence W. Barnaby.
Frederick A. Barnaby.
Carl J. Berquist.
E. Marion Blackmer.
Raymond W. Blanchard.
Mabelle L. Blaser.
Susie Bowman.
Annie L. Casassa.
Maurice J. Clough.
Bessie S. Cohen.
Mary L. Coleman.
Flossie B. Collupy.
Hazel R. Cobb.
Stella E. Conti.
Edward B. Darling.
Blanche E. Egan.
Evelyn L. Fraser.
May T. Frisbee.
Erving N. Fox.
John W. Glover.

Charles L. Grant.
Merle E. Hardin.
M. Gladys Harmon.
Roy W. Hodge.
Gertrude M. Hooper.
Ethel M. Hutt.
John W. Laurie.
Irene A. LeCour.
Arthur W. Leighton.
Ernest L. Littlewood.
Ernest M. Loveland.
Julia E. Merrill.
Esther Nickles.
John F. O'Donoghue.
Herbert G. Olson.
Ethel L. Peabody.
Ralph H. Quimby.
Alfred J. Raffelli.
Ethel E. Ramsey.
Carl D. Richardson.
Grace M. Rockwell.
Francis W. Rourke.
Ruth E. Sargent.
Winifred T. Sears.
Harold B. Seaver.
Laura F. Shaffer.
Chester F. Smith.
Pearl F. Smith.
Gertrude E. Snow.
Beulah E. Sprague.
Velma B. Strout.
J. Edmund Vincent.
Lawrence L. Waitt.
Donald H. Whitney.
Charles H. Wilson.
Marion F. Wilson.
Edna M. Wood.

TABLE 28.—ORGANIZATION OF SCHOOL BOARD, 1908.

School Committee.

FREDERICK A. P. FISKE, ... Chairman
HENRY H. FOLSOM, ... Vice-Chairman

MEMBERS.

EX-OFFICIIS.		Term expires January.
CHARLES A. GRIMMONS, Mayor,	72 Thurston street.	1909
LEONARD W. COLE, Pres. Board of Aldermen,	5 Homer square.	1909
WARD ONE.		
ELMER H. SPAULDING,	44 Tufts street.	1909
DR. HENRY F. CURTIS,	145 Perkins street.	1910
WARD TWO.		
THOMAS M. CLANCY,	52 Springfield street.	1909
DANIEL H. BRADLEY,	19 Concord avenue.	1910
WARD THREE.		
WILBUR S. CLARKE,	40 Vinal avenue.	1909
GEORGE E. WHITAKER,	75 Walnut street.	1910
WARD FOUR.		
GEORGE W. FOSTER,	7 Evergreen avenue.	1909
CHARLES A. KIRKPATRICK, JR.,	27 Sewall street.	1910
WARD FIVE.		
J. WALTER SANBORN,	183 Central street.	1909
HENRY H. FOLSOM,	103 Central street.	1910
WARD SIX.		
LEON M. CONWELL,	1 Harvard place.	1909
FREDERICK A. P. FISKE,	44 Cherry street.	1910
WARD SEVEN.		
MRS. HENRIETTA B. H. ATTWOOD,	12 Park avenue.	1909
DR. GEORGE C. MAHONEY,	97 College avenue.	1910

Superintendent of Schools.

GORDON A. SOUTHWORTH.

Office: City Hall Annex, Highland avenue.
Residence: 40 Greenville street.
The Superintendent's office will be open on school days from 8 to 5; Saturdays, 8 to 10. His office hours are from 4 to 5 on school days, and 8 to 9 on Saturdays.
Office telephone, 314; house telephone, 12.
Superintendent's clerks:—
Cora S. Fitch, 15 Pleasant avenue.
Mary A. Clark, 42 Highland avenue. Telephone, Somerville 849-4.

Board Meetings.

January 27.	April 27.	September 28.	December 24.
February 24.	May 25.	October 26.	January 1.
March 30.	June 29.	November 30.	

8.15 o'clock.

TABLE 28.—ORGANIZATION OF SCHOOL BOARD, 1908—Concluded.

STANDING COMMITTEES, 1908.

Note.—The member first named is chairman.

High Schools.—Sanborn, Mahoney, Curtis, Clancy, Clarke, Foster, Conwell.

District I.—Spaulding, Curtis, Foster.

PRESCOTT, HANSCOM, DAVIS, BENNETT.

District II.—Clancy, Bradley, Clarke.

KNAPP, PERRY, BAXTER.

District III.—Clarke, Whitaker, Curtis.

POPE, BELL, CUMMINGS.

District IV.—Foster, Kirkpatrick, Cole.

EDGERLY, GLINES.

District V.—Sanborn, Folsom, Kirkpatrick.

FORSTER, BINGHAM.

District VI.—Conwell, Fiske, Folsom.

CARR, MORSE, PROCTOR, DURELL, BURNS, BROWN.

District VII.—Mrs. Attwood, Mahoney, Conwell.

HIGHLAND, HODGKINS, LINCOLN, LOWE.

Additional School Accommodations.—Mahoney, Sanborn, Curtis, Clancy, Clarke, Kirkpatrick, Conwell, Grimmons, Cole.

Evening Schools.—Folsom, Whitaker, Fiske.

Finance.—Kirkpatrick, Spaulding, Conwell, Grimmons, Cole.

Industrial Education.—Foster, Clarke, Mrs. Attwood.

Medical Inspection.—Curtis, Clancy, Mahoney.

Music.—Mrs. Attwood, Curtis, Bradley.

Private Schools.—Clancy, Spaulding, Kirkpatrick.

Repairs of School Buildings.—Fiske, Foster, Folsom.

Rules and Regulations.—Bradley, Folsom, Fiske.

Salaries.—Spaulding, Whitaker, Sanborn.

Supplies.—Clarke, Bradley, Sanborn.

Text-Books and Courses of Study.—Whitaker, Spaulding, Bradley, Kirkpatrick, Folsom, Fiske, Mrs. Attwood.

Vacation Schools.—Conwell, Foster, Mahoney.

TABLE 29.—TEACHERS IN SERVICE JANUARY, 1908.

Name and Residence.	Salary.	Began Service.
LATIN HIGH SCHOOL. Central Hill.		
George L. Baxter, Head Master, 27 Warren Avenue	$3,000	1867
Frank M. Hawes, Master, 257 School Street	2,000	1879
Charles T. Murray, Master, 28 Franklin Street	1,800	1878
G. M. Hosmer, Sub-Master, 13 Arlington Street	1,300	1901
W. D. Sprague, Sub-Master, 81 Bartlett Street	1,600	1906
F. H. Wilkins, Sub-Master, 61 Boston Street	1,400	1906
Frances W. Kaan, 133 Central Street	1,200	1882
Lena Gilbert, 51 Elmwood Street	1,000	1892
Eudora Morey, 26 Batavia Street, Boston	900	1874
Mabel G. Curtis, 49-A Trowbridge Street, Cambridge	900	1903
Miriam Thayer, 552 Washington Street, Braintree	900	1904
Maud M. Cunningham, 42 Highland Avenue	900	1905
F. Gertrude Perkins, Pleasant Street, Belmont	850	1906
Isabel G. Higgins, 10 Dartmouth Street	900	1892
Gertrude M. Hall, 111 Highland Avenue, Winchester	900	1907
ENGLISH HIGH SCHOOL. Central Hill.		
John A. Avery, Head Master, 22 Dartmouth Street	$2,600	1895
Everett W. Tuttle, Master, 62 Highland Avenue	1,850	1895
Harry L. Jones, 137 Powder House Boulevard	1,700	1896
Howard W. Poor, 27 Mt. Vernon Street, Reading	1,700	1896
George W. Earle, 9 Pleasant Avenue	1,700	1901
Charles F. Abbott, 49 Boston Street	1,700	1901
Harry F. Sears, 44 Orris Street, Melrose Highlands	1,700	1901
Frederick O. Smith, 135 Powder House Boulevard	1,500	1904
William W. Obear, 69 Walnut Street	1,500	1906
Laurence A. Sprague, 17 Perkins Street, West Newton	1,100	1906
John M. Jaynes, 29 Putnam Street	1,000	1901
Albert I. Montague, 8 Trull Lane	1,400	1907
A. Marion Merrill, 66 Highland Avenue	1,200	1895
Eda L. Nichols, 53 Laurel Street	1,200	1895
Mary F. Carrick, 271 Medford Street	1,000	1898
Harriet E. Tuell, 10 Harvard Place	1,000	1897
Helen L. Follansbee, 40 Vinal Avenue	1,000	1900
Elizabeth Campbell, 15 Pleasant Avenue	1,000	1902
Jessamine D. Wolcott, Jason Terrace, Arlington	1,000	1895
A. Laura Batt, 66 Highland Avenue	1,000	1895
Caroline A. Marsh, 6-A Hillside Park	900	1894
M. Helen Teele, 11 Jason Street, Arlington	1,000	1895
Clara A. Johnson, 177 Central Street	1,000	1897
Bertha P. Marvel, 62 Highland Avenue	1,000	1899
Bessie D. Davis, 13 Mt. Vernon Street	900	1901
Ella D. Gray, 147 Walnut Street	900	1901
Nina A. Cummings, 47 Wallace Street	900	1903
Nellie H. Swift, 78 Boston Street	900	1904
Ruth Tousey, 106 Professors Row	900	1904
Anna Pushee, 10 Harvard Place	900	1904
Bessie L. Forbes, 92 Orchard Street	900	1899
Bertha A. Raymond, 1080 Boylston Street, Boston	900	1900
Blanche S. Bradford, 161 Summer Street	800	1903
Grace E. Burroughs, 83 Munroe Street	900	1906
Theodora M. Hastings, 51 Laurel Street	900	1906
Mabel Butman, 15 Prospect Hill Avenue	850	1906
Mary E. Hadley, 46 Westminster Avenue, Arlington Heights	900	1907
Grace Gatchell, 60 Vinal Avenue	800	1906
Winifred E. Howe, 6-A Hillside Park	900	1907
Flora E. Anderson, 8-A Hancock Street	800	1907
Annie C. Woodward, 150 School Street	600	1906
Mabell M. Ham, 41 Boston Street	600	1906

TABLE 29.—Teachers in Service January, 1908.—Continued.

Grade.	Name and Residence.	Salary.	Began Service.
	(WILLIAM H.) PRESCOTT SCHOOL. Pearl and Myrtle Streets.		
9.	Samuel A. Johnson, Master, 83 Thurston Street	$1,900	1893
9.	Anna M. Bates, 102 Bridge Street, Salem	775	1874
8.	Emma M. Cate, 15 Fletcher Street, Winchester	700	1882
7.	Elizabeth M. Warren, 361 Broadway	700	1897
6.	Susie M. Hosmer, Prescott School	700	1899
5.	Florence A. Eaton, 74 Walnut Street	700	1906
5.	Georgiana Smith, 61 Pearl Street	700	1906
4.	Georgia P. Wardwell, 21 Pleasant Avenue	700	1906
4.	Clara Taylor, 36 Flint Street	700	1871
3.	Elizabeth L. Marvin, 19 Newbury Street, Malden	700	1898
3.	Louise E. Pratt, 110 Pearl Street	700	1889
2.	Jennie M. Twiss, 67 Berkeley Street	700	1903
1.	A. Louise Bean, 219 Main Street, Everett	700	1904
	SANFORD HANSCOM SCHOOL. Webster and Rush Streets.		
6.	Elizabeth M. Collins, Principal, 55 Putnam Street	$900	1901
6.	Mary V. Williams, 19 Pinkham Street, Lynn	600	1908
5.	Linnie M. Moulton, 42 Norwood Street, Everett	700	1908
4.	Frances E. Robinson, 89 Cross Street	700	1906
3.	Adelaide J. Anderson, 22 Flint Street	525	1906
2.	Maude A. Nichols, 21 Munroe Street	700	1906
1.	Phenie L. DuGar, 77 Walnut Street	700	1907
1.	Mattie L. Littlefield, 65 Glen Street	700	1897
Kind'n.	Elizabeth J. Baker, 77 Walnut Street	600	1907
Asst.	Gladys Loring, 76 Highland Avenue	350	1906
	JOSHUA H. DAVIS SCHOOL. Tufts Street.		
3.	Mary A. Holt, Principal, 72 Boston Street	$775	1899
4.	Jennie A. Drew, 49 Crown Street	700	1903
2.	Carrie T. Lincoln, 79 Marshall Street	700	1893
1.	P. A. Merritt, 96 Oxford Street	700	1885
	CLARK BENNETT SCHOOL. Poplar and Maple Streets.		
5.	Annie E. McCarty, Principal, 24 Stone Avenue	$1,000	1880
Asst.	Kate B. Gifford, 72 Berkeley Street	700	1902
5.	Katherine Pike, 72 Rush Street	600	1906
4.	Edith A. Maxwell, 51 Summer Street, Everett	700	1906
4.	Marie Neis, 3 Summit Avenue	700	1903
3.	Nellie F. Eaton, 17 Howe Street	700	1906
3.	Katharine C. Connolly, 101 School Street	700	1897
2.	Eleanor W. Nolan, 48 Cutler Street, Winthrop	700	1906
2.	Nettie L. Fay, 67 Walnut Street	700	1901
2, 1.	Isadore E. Taylor, 36 Flint Street	700	1883
1.	Bertha M. Martindale, 96 Glen Street	700	1902
1.	Cora B. Gowen, 12 Warren Avenue	700	1906
Kind'n.	Caroline G. Baker, 40 Benton Road	600	1896
Asst.	Alice M. Saben, 110 Pearl Street	425	1903

Table 29.—Teachers in Service January, 1908.—Continued.

Grade.	Name and Residence.	Salary.	Began Service.
	GEORGE L. BAXTER SCHOOL. Bolton Street.		
5.	Minnie A. Holden, Acting Principal, 19 Concord Avenue,	$825	1906
5.	*Helen Tincker, Principal, 17 Bonner Avenue	825	1872
4.	Elizabeth E. Carr, Danvers	700	1901
3.	Julia A. Mahoney, 16 Parker Street	700	1904
2.	Agatha G. F. Commins, 24 Hanson Street	700	1901
1.	Maria D. McLeod, 1 Highland Park, Cambridgeport	700	1906
Kind'n.	Elsie G. Ashton, 17 Bonner Avenue	600	1902
Asst.	Eleanor A. Connor, 59 Church Street	425	1903
	OREN S. KNAPP SCHOOL. Concord Avenue.		
9.	John Sherburne Emerson, Master, 3 Preston Road,	$1,900	1894
9.	Nina M. Doanan, 22 Walnut Street	775	1904
9, 8.	Florence W. James, 26 Clinton Street, Cambridge	725	1906
8.	Harriet C. Hamilton, 42 Walnut Street	700	1900
7.	Emma L. Coburn, 27-R Albion Street	700	1905
7.	Clara B. Parkhurst, 22 Highland Avenue	700	1889
6.	Clara B. Sackett, 91 Summer Street	700	1891
6.	Edith Hersey, 154 Washington Avenue, Chelsea	700	1899
6.	Florence M. Hopkins, 50 Craigie Street	600	1907
5.	Daisy King, Union Square Hotel, Somerville	700	1905
4.	Annie E. Robinson, 61 Preston Road	700	1876
3.	L. Gertrude Allen, 230 Washington Street	700	1884
2.	Minnie Alice Perry, 4 Greenough Avenue, Cambridge	700	1891
1.	Blanche L. Paine, 21 Concord Avenue	600	1905
	ALBION A. PERRY SCHOOL. Washington Street, near Dane.		
5.	Catherine E. Sweeney, 633 Broadway	$825	1901
4.	Irene Vincent, 85 Prospect Street	700	1903
3.	Mary G. Blackwell, 45 Ibbetson Street	700	1900
2.	Helen M. Cogan, 14 Porter Road, Cambridge	700	1902
1, 2.	Charlotte Holmes, 10 Putnam Street	700	1899
1.	Sarah E. Murphy, 76 Cross Street	700	1906
	CHARLES G. POPE SCHOOL. Washington and Boston Streets.		
9.	George M. Wadsworth, Master, Whitman	$1,900	1891
9.	Florence A. Chaney, 78 Huntington Avenue, Boston	775	1892
8, 9.	Alice I. Norcross, 28 Russell Avenue, Watertown	725	1885
8.	Harriet M. Clark, 10 Vernon Street, West Medford	700	1893
7.	Blanche G. North, 8 Munroe Street	700	1893
7.	M. Abbie Tarbett, 11 Washington Street, Stoneham	700	1906
6.	Minnie A. Blood, 27 Putnam Street	700	1897
6.	Lena F. Shaw, 23 Abbott Street, Dorchester	700	1905
5.	Lizzie W. Parkhurst, 22 Highland Avenue	700	1885
4.	Annie G. Sheridan, 84 Prospect Street	700	1886
3.	Mabel K. Davis, 11 Harvard Place	700	1904
2.	Florence E. Locke, 9 Prospect Hill Avenue	700	1899
1.	Alice B. Frye, 6 Chester Street, Malden	700	1904

*Leave of absence.

TABLE 29.—Teachers in Service January, 1908.—Continued.

Grade.	Name and Residence.	Salary.	Began Service.
	LUTHER V. BELL SCHOOL. Vinal Avenue.		
9.	Harlan P. Knight, Master, 61 Putnam Street	$1,900	1897
9.	Alice L. Davis, 19 Aldersey Street	775	1895
9, 8.	Grace E. Weeks, 32 Vinal Avenue	725	1899
8.	Nellie S. Dickey, 54 Putnam Street	700	1889
7.	Eva R. Barton, 54 Putnam Street	700	1904
7.			
6.	Mabel T. Totman, 62 Highland Avenue	700	1893
5, 6.	Maribelle Curtis, 55 Putnam Street	700	1895
5.	Emma F. Schuch, 25 Tufts Street	700	1874
4.	Ella H. Buckman, 28 Putnam Street	700	1897
3.	*Helen L. McGann, 45 Putnam Street	700	1905
3.	Helen C. Gray, 10 Gardner Street, Cambridge		
2.	Martha E. Daniels, 93 Concord Avenue	700	1891
1.	Lucia Alger, 28 Bonner Avenue	700	1889
	(JOHN A.) CUMMINGS SCHOOL. School Street, near Highland Avenue.		
3.	Fannie L. Gwynne, Principal, 65 School Street	$775	1886
4.	Daisy W. Cushman, 40 Vinal Avenue	700	1906
2.	Angeline Cann, Hotel Woodbridge	700	1897
1.	Elizabeth L. Hersey, 11 East Newton Street	700	1896
	(JOHN G.) EDGERLY SCHOOL. Cross and Bonair Streets.		
9.	Charles E. Brainard, Master, 82 Munroe Street	$1,900	1889
9.	M. Eva Warren, 116 Pearl Street	775	1906
8.	Annie L. Dimpsey, Hotel Woodbridge	700	1891
8.	Mary E. Richardson, 35 Bradley Street	700	1893
7.	Mabel Washburn, 116 Pearl Street	700	1906
7.	Mabel C. Mansfield, 35 Bradley Street	700	1893
6.	Isabelle M. Gray, 23 Webster Street	700	1897
6.	Edith M. Snell, 4 Vine Street, Melrose	700	1900
5.	G. Hortense Pentecost, 151 Walnut Street	700	1905
4.	J. Louise Smith, 196 Washington Street, Lynn	700	1896
3.	Lillian Nealley, 109 Glen Street	700	1882
2.	Alice W. Cunningham, 42 Highland Avenue	700	1901
1.	Martha M. Power, 37 Gleason Street, West Medford	700	1890
	JACOB T. GLINES SCHOOL. Jaques Street, near Grant Street.		
9.	Mary E. Northup, Master, 15 Evergreen Avenue	$1,900	1878
9.	Mary E. Stiles, 15 Evergreen Avenue	775	1883
8.	Mary A. Lawry, 118 Rogers Avenue	700	1905
7.	Louise Richardson, Winthrop Street, Roxbury	700	1907
6.	Lilla M. Marble, 72 Rush Street	700	1902
6.	Ellen A. Boynton, 45 Dartmouth Street	700	1891
5.	Margaret A. Orr, 15 Blagden Street, Boston	700	1890
4.	Mary A. Goddard, 9 Winter Hill Circle	700	1893
3.	Florence E. Baxter, 49 Hudson Street	700	1891
2.	Anna G. Welch, 324 Main Street, Stoneham	700	1897
2, 1.	Carrie Armitage, 57 Madison Street	700	1899
1.	Isabel J. Tifft, 37 Madison Street	700	1892
Kind'n.	Mrs. Etta D. Ellsworth, 112 Newbury Street, Boston	600	1897
Asst.	Ida M. Kane, 28 Fellsway West	425	1905

*Leave of absence.

TABLE 29.—Teachers in Service January, 1908.—Continued.

Grade.	Name and Residence.	Salary.	Began Service.
	(CHARLES) FORSTER SCHOOL. Sycamore Street and Evergreen Avenue.		
9.	Fred C. Baldwin, Master, 106 Sycamore Street	$1,900	1893
9.	Mary E. Bunton, 82 Marshall Street	775	1894
9.	Irene S. Nightingale, 14 Court Street, Arlington	725	1895
8.	Jessie M. Lockwood, 462 Medford Street	700	1900
8.	Mary C. Buck, 28 Kidder Avenue	700	1899
7.	Minnie A. Day, 19 Roslin Street, Dorchester	700	1905
7.	Emma G. Blanchard, 146 Mass. Ave., Boston, Suite 622	700	1902
6.	Mina P. Bickford, 216 Park Street, Medford	700	1903
6.	Elizabeth F. Clement, 29 Kidder Avenue	700	1884
5.	Mary I. Bradish, 54 Logan Avenue, Medford	700	1899
5.	Elizabeth S. Brown, 19 Highland Avenue	700	1897
4.	Laura R. Cunningham, 42 Highland Avenue	700	1904
4.	Gertrude M. Sias, 37 Wordsworth St., East Boston	700	1903
3.	E. Mina Smith, 2 Pembroke Street	700	1896
3.	Annie S. Gage, 32 Marshall Street	700	1881
2.	Mabel G. Delano, 108 Cross Street	700	1901
2.	Martha L. Hale, 157 Highland Avenue	700	1899
1.	Grace Shorey, 23 Forster Street	700	1892
1.	Cora J. Demond, 146 Massachusetts Avenue, Boston	700	1900
	(NORMAN W.) BINGHAM SCHOOL. Lowell Street, near Vernon Street.		
9.	Harry F. Hathaway, Master, 495 Broadway	$1,900	1890
9.	Elizabeth J. O'Neil, 72 Central Street	775	1904
8.	Elizabeth J. Mooney, 168 Summer Street	700	1894
7, 8.	Jane Batson, 140 Clifton Street, Malden	700	1900
7.	Naomi E. Stevens, 134 Austin Street, Cambridge	700	1902
6.	Georgia M. Robbins, 495 Broadway	700	1906
6.	Lucy K. Hatch, 103 Glenwood Road	700	1892
5.	Mary F. Mead, 35 Kidder Avenue	700	1905
5.	Harriet F. Ward, 20 Dartmouth Street	700	1895
4.	Eva M. Barrows, 118 Rogers Avenue	700	1903
4.	Helen L. Galvin, Braintree	700	1903
3.	Harriet M. Bell, 34 Bow Street	700	1904
3.	Bessie J. Baker, Malden	700	1905
2.	Grace F. Mulcahy, 143 Sycamore Street	700	1903
2.	Nellie R. Bray, 7 Jasper Street	700	1897
1.	Mabel E. Mansir, 77 Albion Street	700	1894
1.	Clara L. Griffiths, 39 Ames Street	700	1902
	MARTIN W. CARR SCHOOL. Beech Street.		
9.	Charles G. Ham, Master, Watertown	$1,900	1898
9.	May E. Berry, 14 Billingham Street	775	1880
8.	Clara D. Eddy, 61 Central Street	725	1902
8.	Mary E. Soule, 124 Summer Street	700	1901
7.	Harriet A. Hills, 14 Billingham Street	700	1874
7.	Marion P. Crawford, 124 Summer Street	700	1897
6.	Marie T. Smith, 87 Orchard Street	700	1898
6.	Susie L. Luce, 8 Walter Terrace	700	1896
5.	Mary A. Haley, 117 Summer Street	700	1867
5.	Grace T. Merritt, 47 Cherry Street	700	1897
4.	Elizabeth S. Foster, 51 Laurel Street	700	1895
4.	Gladys A. Budgell, 109 Porter Street	525	1907
3.	Florence B. Howland, 6 Highland Avenue	700	1897
3.	L. Isadore Wood, 53 Laurel Street	700	1906
2.	Florence M. Dearborn, 35 Laurel Street	700	1904
2, 1.	Ethel F. Morang, 157 Lowell Street	700	1898
1.	*Gertrude Friend, 16 Park Avenue	700	1893
1.	Annie B. Russell, 45 Russell Street	700	1901
Asst.	Pearl F. Dame, 1 Ellsworth Street	350	1906

*Leave of absence.

Table 29.—Teachers in Service January, 1908.— Continued.

Grade.	Name and Residence.	Salary.	Began Service.
	(ENOCH R.) MORSE SCHOOL. Summer and Craigie Streets.		
9.	Mina J. Wendell, Master, 211-A Summer Street	$1,900	1882
9.	Alice E. Jones, 23 Greene Street	775	1897
9.	M. Florence Eustis, 35 Laurel Street	725	1906
8.	Clara A. Ball, 12 State Street, Cambridge	700	1906
7.	Minnie E. Haas, 240 West Newton Street, Boston	700	1905
8, 7.	Lennie W. Bartlett, 35 Norway Street, Boston	700	1893
6.	Blanche E. Thompson, 108 School Street	700	1906
5.	Lizzie E. Hill, 35 Norway Street, Boston	700	1890
4.	Alice B. Hazelton, 25 Monmouth Street	700	1904
3.	Agnes C. Rice, 20 Spring Hill Terrace	700	1900
2, 3.	Ardelle Abbott, 71 Craigie Street	700	1896
1, 2.	Mildred M. Moses, 124 Summer Street	700	1906
1.	Grace S. Russell, 1097 Broadway	700	1900
	GEORGE O. PROCTOR SCHOOL. Hudson Street.		
7.	Nora F. Byard, Principal, 15 Draper Ave., Arlington,	$900	1884
6.	Emma A. Gilman, 130 Huntington Avenue, Boston	700	1903
5.	Alice G. Hosmer, 42 Boston Street	700	1906
4, 5.	Abbie A. Gurney, 28 Bonner Avenue	700	1888
4.	Ella P. McLeod, 32 Charnwood Road	700	1888
3.	Clara L. Hammond, 62 Chandler Street	700	1903
2.	Edith L. Hunnewell, 23 Milton Street	700	1894
3, 2.	Mary S. Richardson, 13 Bartlett Street	600	1906
1.	L. Margaret Potter, 59 Belvidere Street, Boston	700	1906
	GEORGE W. DURELL SCHOOL. Beacon and Kent Streets.		
4.	Abigail P. Hazelton, Principal, 25 Monmouth Street,	$775	1902
3.	Lucie H. Chamberlain, 35 Laurel Street	700	1907
2.	Ethel Worcester, 24 Brastow Avenue	700	1905
1.	Mary Winslow, 38 Spring Street	700	1887
	MARK F. BURNS SCHOOL. Cherry Street, near Highland Avenue.		
7.	Laura J. Brooks, Principal, 31 Stevens St., Stoneham,	$900	1883
6.	Cara M. Johnson, 130 Park Ave., Arlington Heights	700	1897
5.	Minnie S. Turner, 153 Lowell Street	700	1885
4.	Bessie I. Sutton, 117 Falmouth St., Boston, Suite 3	700	1907
3.	Annie L. Brown, 281 Summer Street	700	1885
2.	Mary E. Lacy, 63 Cherry Street	700	1890
1, 2.	Emma B. Jones, 18 Sargent Avenue	700	1889
1.	Alice E. Morang, 157 Lowell Street	700	1893
	BENJAMIN G. BROWN SCHOOL. Willow Avenue and Josephine Avenue		
9.	George I. Bowden, Master, Hingham	$1,600	1908
9.	Annie G. Smith, 59 Maple Street, Malden	775	1901
8.	Jennie P. Chapman, 2 Kenwood Street	700	1905
7.	Edith G. Watts, 1 Spencer Avenue	700	1904
6.	Phebe E. Mathews, 166 Morrison Avenue	700	1897
5.	Grace J. Alexander, 49 College Avenue	700	1900
4.	Edna M. Proctor, 93 Revere Street, Boston	700	1901
3.	Lucy M. Curtis, 77 Walnut Street	700	1900
2.	Grace H. Bliss, 78 Summer Street	700	1900
2, 1.	Rena H. Wiley, 16 Fosket Street	525	1906
1.	Ida M. Record, 77 Walnut Street	700	1899

Table 29.—Teachers in Service January, 1908.—Continued.

Grade.	Name and Residence.	Salary.	Began Service.
	HIGHLAND SCHOOL. Highland Avenue and Grove Street.		
9.	Aaron B. Palmer, Master, 18 Bay State Avenue	$1,900	1905
9.	M. Alice Paul, 122 Orchard Street	775	1879
9.	Marguerite Burns, 64 Hall Avenue	725	1907
8.	Grace M. Clark, 10 Vernon Street, West Medford	700	1893
8.			
7.	M. Estella Sprague, 4 Albemarle Chambers, Boston	700	1907
7.	Josephine Marston, 201 Morrison Avenue	700	1907
6.	Sarah E. Pray, 126 Orchard Street	700	1877
6.	Mary L. Bryant, 38 Chandler Street	700	1903
5.	*Mary H. Joyce, 75 Boston Street	700	1891
5.	Marie Clifford, 212 Crest Avenue, Winthrop	700	1907
5.	Lillian F. Richardson, 33 Wallace Street	700	1904
4.	Edda C. Locke, 21 Francesca Avenue	700	1908
4.	Leila L. Rand, 87 Raymond Street, Cambridge	600	1908
	WILLIAM H. HODGKINS SCHOOL. Holland Street.		
9.	Arthur L. Doe, Master, 86 Chandler Street	$1,900	1896
9.	Alice M. Winslow, 23 Winthrop Street, Malden	775	1896
9.	N. Irene Ellis, 15 Kidder Avenue	725	1903
8.	Edith W. Emerson, 135 Central Street	700	1896
8.	Alice S. Hall, 135 Central Street	700	1896
7.	Lilla E. Mann, 75 Wallace Street	700	1902
7.	Josephine T. Field, 40 Inman Street, Cambridge	700	1903
6.	Gertrude W. Leighton, 85 Central Street	700	1895
6.	Beatrice A. Randall, 96 College Avenue	700	1905
5.	Flora A. Burgess, Arlington Heights	700	1894
5.	Catherine A. Burden, 406 Highland Avenue	700	1902
4.	Genieve R. Barrows, Waban	700	1905
4.	Katherine M. Fox, Stoneham	700	1896
3.	Jennie M. Patterson, 17 Avon Street	700	1903
1.	Marion I. Noyes, 22 Dover Street	700	1896
	(CHARLES S.) LINCOLN SCHOOL. Broadway, near Teele Square.		
2.	Eliza H. Lunt, Principal, 50 Curtis Street	$775	1889
3.	Charlotte F. Mott, 98 Pinckney Street, Boston	700	1886
2, 1.	Almena J. Mansir, 77 Albion Street	700	1899
1.	Annie H. Hall, 97 College Avenue	700	1906
	MARTHA PERRY LOWE SCHOOL. Morrison Avenue, near Grove Street.		
3, 4.	May E. Small, Principal, 12 Day Street, Cambridge	$900	1900
3.	Alice M. Dorman, 166 Morrison Avenue	700	1903
3.	Maude C. Valentine, 1098 Broadway	700	1901
2.	Stella M. Holland, 46 Chester Street	700	1903
2.	Jane M. Taaffe, 159 Morrison Avenue	700	1888
2.	Katherine E. Hourahan, 296 Highland Avenue	700	1892
1.	Clara G. Hegan, 100 School Street	700	1897
1.	Martha A. Jencks, 21 Francesca Avenue	700	1898
	EVENING SCHOOL PRINCIPALS.		
	George W. Earle, High	$6.00	
	Charles T. Murray, Prescott	3.00	
	John S. Emerson, Bell	4.00	
	Charles E. Brainard, Highland	3.00	

*Leave of absence.

TABLE 29.—Teachers in Service January, 1908.—Concluded.

Grade.	Name and Residence.	Salary.	Began Service.
	CADET TEACHERS.		
	Ellen A. Baker, 12 Windom Street	$200	1907
	Lynda V. Merrill, 11 Marion Street	200	1907
	Alice L. Reid, 37 Spring Street	200	1907
	SPECIAL TEACHERS.		
	MUSIC.		
7-13.	S. Henry Hadley, 46 Pearl Street	$1,700	1868
6-1.	Charlotte D. Lawton, 11 East Newton Street, Boston	900	1898
	DRAWING.		
9-1.	Mary L. Patrick, Newtonville	1,000	1895
	SEWING.		
8-5.	Mary L. Boyd, 43 Tennyson Street	700	1888
8-5.	Emma J. Ellis, 54 Marshall Street	700	1900
8-5.	Bertha P. Paul, 23 Monmouth Street	700	1900
	PENMANSHIP.		
9-1.	William A. Whitehouse, 70 Central Street	1,500	1895
	MANUAL TRAINING.		
8.	Andrew Bjurman, 9 Fairview Terrace, Maplewood	1,100	1907
8.	Willis E. Higgins, 82 Elm Street	1,100	1907
	ASSISTANT IN PROCTOR, BURNS, LOWE.		
	Annie Sanburn, 20 Ashburton Place, Boston	700	1906

TABLE 30.—OFFICERS, ETC., IN SERVICE JANUARY, 1908.

Name and Address.	Salary.
Gordon A. Southworth, 40 Greenville Street	$3,000
CLERKS.	
Cora S. Fitch, 15 Pleasant Avenue	750
Mary A. Clark, 42 Highland Avenue	600
TRUANT OFFICERS.	
Lemuel H. Snow, 75 Benton Road	1,100
Jairus Mann, 80 Porter Street	50

TABLE 31.—SCHOOL JANITORS, JANUARY, 1908.

School.	Name.	Residence.
Latin High, S	Joseph Young	51 Oxford St.
Latin Annex	William H. Kelley	25 Aldrich St.
English High, S	Lewis G. Keene	30 Berkeley St.
Prescott, S, 12	George A. McGunnigle	50 Pearl St.
Hanscom, S, 10	Substitute	
Davis, F, 4	Substitute	
Bennett, S, 12	Daniel T. Campbell	10 Stone Ave.
Baxter, S, 6	Israel Winterbottom	2 Bolton St.
Knapp, S, 12	John C. Sampson	40 School St.
Perry, S, 6	Henry C. Bradford	72 Boston St.
Pope, S, 12	Hiram A. Turner	16 Gibbens St.
Bell, S, 12	F. S. Dickinson	1 Putnam St.
Cummings, F, 4	Substitute	
Edgerly, S, 12	Charles P. Horton	22 Everett Ave.
Glines, S, 14	Roy C. Burckes	249 School St.
Forster, S, 18	John H. Kelley	7 Madison St.
Forster	James L. Whitaker	146-R Sycamore St.
Bingham, S, 16	John F. O'Brien	347 Lowell St.
Carr, S, 16	James W. Rich	206 Highland Ave.
Morse, F, 12	John W. Cremen	69 Oxford St.
Proctor, S, 8	George W. Libby	215 Pearl St.
Durell, S, 4	John Shea	97 Gilman St.
Burns, S, 8	Charles Gallaway	160 Hudson St.
Brown, S, 10	O. M. Pote	23 Howe St.
Highland, F, 12	E. Parker Cook	398 Highland Ave.
Hodgkins, S, 14	John Shea	97 Gilman St.
Lowe, S, 8	John F. Richardson	190 Morrison Ave.
Lincoln, S, 4	Thomas C. Dame	1 Ellsworth St.

Buildings heated by steam are marked "S," by furnace "F." The numbers show the number of rooms.

The high schools are heated by a single plant in Latin building.

PUBLIC LIBRARY.

BOARD OF TRUSTEES AND OFFICERS

OF THE SOMERVILLE PUBLIC LIBRARY, YEAR ENDING DECEMBER 31, 1907.

Trustees.

Edward C. Booth, M. D.
John B. Viall.
J. Frank Wellington.
Howard D. Moore.
Irving G. Hall.
Frederick W. Parker.
Thomas M. Durell, M. D.
William L. Barber.
Rev. Charles L. Noyes.

Officers.

Edward C. Booth, M. D. . . . . President
Sam Walter Foss . . . . . Secretary

Committees.

Building and Grounds—Viall, Wellington, and Hall.
Administration—Wellington, Parker, and Durell.
Books and Catalogues — Booth, Viall, Moore, Hall, Noyes, and Durell.
Finance — Parker, Moore, and Barber.

Librarian.

Sam Walter Foss.

Assistant Librarian.

Florence D. Hurter.

Cataloguer.

Esther M. Mayhew.

Assistant Cataloguer.

Edith B. Hayes.

Children's Librarian.

Anna L. Stone.

School Librarian.

Mary S. Woodman.

Reference and Art Librarian.

Mabel E. Bunker.

Assistants.

Bessie L. Duddy.
Nellie M. Whipple.
Alice W. Sears.
Florence M. Barber.
Raymah H. Smith.
A. Myrtle Merrill.

Attendants.

F. Stuart Dean.
Saxton C. Foss.
Cecil M. Barlow.
William E. Bagster.

Janitor.

Charles A. Southwick.

PUBLIC LIBRARY ACCOUNT.

Receipts and Expenditures for 1907.

CREDIT.

Appropriation	$15,000 00
Dog Tax	4,109 54
G. P. Putnam's Sons	50
Fines, etc.	968 67
Total	$20,078 71

DEBIT.

Books and Periodicals	$5,980 20
Binding	2,325 40
Cards	82 50
Printing	494 25
Stationery	71 80
Salaries	9,937 39
Agencies	554 28
Express	351 48
Postage	24 00
Telephone	53 22
Supplies	29 18
Binders	10 45
A. L. A. Membership	5 00
Index	21 00
Repairs	15 35
Keys	1 00
Stereographs	4 35
Mounting	9 10
Disbursements	61 70
Bookcase	40 00
Ice	7 00
Balance unexpended	06
Total	$20,078 71

Isaac Pitman Art Fund.

CREDIT.

Balance from 1906	$145 08
Interest July 1, American Telephone & Telegraph Co.	80 00
Interest December 31, American Telephone & Telegraph Co.	80 00
Interest accruing on deposits in 1906	13 28
Total	$318 36

DEBIT.

Books and Pictures purchased in 1907	$228 85
Balance carried to 1908	89 51
Total	$318 36

Isaac Pitman Poetry Fund.

CREDIT.

Balance carried to 1907	76 51
Interest July 1, American Telephone & Telegraph Co.	20 00
Interest December 31, American Telephone & Telegraph Co.	20 00
Interest accruing on deposits in 1906	3 32
Total	$119 83

DEBIT.

Books purchased in 1907	$54 91
Balance carried to 1908	64 92
Total	$119 83

REPORT OF THE TRUSTEES.

To the Honorable, the Mayor, and the Board of Aldermen of the City of Somerville:—

Gentlemen,—The annual report of the trustees of the public library is herewith respectfully submitted.

We have appended to and made a part of this report the full report of the librarian, to which your honorable body is referred for the details of the year's work; we shall content ourselves with commenting briefly under the various heads.

During the last year the library has been conducted under the same policy as in recent years. Its various activities have been continued with much the same results, and no new features of importance have been introduced.

The library has done a larger amount of business this year than ever before. The total circulation of books, the largest in the history of the library, has been 419,539,—a small increase over the circulation of the previous year. This increase has evidently taken place at the central library, as the circulation of the agencies in general has scarcely maintained itself. The agency at Davis square, however, is an exception to this statement, as this agency has slightly increased its work over that of the preceding year. The proportion of the different classes of books circulated has not materially changed from that of former years. The works of fiction, always ranging within a small percentage of seventy per cent. of the gross circulation, have, this year, slightly exceeded the usual proportion, although only one-tenth of the books purchased were works of fiction.

The work of the reference and art department has proceeded in the steady manner of previous years, and has frequently been enlivened by the exceedingly interesting and instructive traveling art exhibitions. These pictures range from views of our own New England towns to views of the great historic centres of the world in both hemispheres; and are worthy of wider notice and closer study by our people, whether for pleasure or instruction. The collection of Americana, also housed in the second story, has been added to from time to time as opportunity has offered. This is a respectable collection of histories of towns in Massachusetts and Northern New England, interspersed with the more important genealogical works and local magazines on historical subjects. This room has been much visited, especially by the many who are now striving to trace their family descent.

The school work of the library has continued on the usual lines, and is extended to all teachers of the public schools who wish it. Consequently some two-thirds of the schoolrooms of the city are supplied by us with small collections of books which may be changed as often as desired, provided the resources of the library will permit it. We believe that a larger sum could advantagously be expended annually on the equipment of this school department. As it now is, the infrequent changes in the

libraries and the only partial use of them in the schools tax the department to the utmost.

Other collections are sent to other places, as enumerated in the librarian's report.

Vacation cards entitling borrowers to draw more books from the library and for longer periods than usual have been even more popular than before.

On the subject of the loss of books from the library shelves we had hoped by the close of this year to have further information which might determine our future action on the subject of continuing free access of the public to the shelves; but various causes have prevented the taking of an inventory of any considerable part of our collection. Some books have undoubtedly been taken from the children's room from time to time by mistake, which is not unnatural, as the library permits the youngest child that walks to wander among the shelves of the children's room; however, that there is still an intentional abstraction of books going on in some degree is highly probable. With a view to lessening the pilfering, as far as injunction would go, the trustees, after consultation with the city solicitor, have caused the following notices to be posted conspicuously around the library building: "The taking of books from the library without having the same charged is equivalent to larceny and will be so treated." It is believed that such notices will have a salutary effect except in cases of confirmed thieves. It is gratifying in this connection to note that an inventory taken in the reference and art department, on and about September 1, showed the loss of not a single volume for the preceding twelve months.

The subject of further library facilities for the section of West Somerville has been touched on in all of the late reports of the trustees, and until last autumn no satisfactory solution had been reached. Fortunately the question has become settled by the tender of Mr. Carnegie of a branch library building for this part of the city, to be located on the old Lincoln schoolhouse lot, and the acceptance of the same by your honorable body on October 24.

We congratulate not only the citizens of West Somerville, but those of the whole city, on this generous and useful gift. We believe that while it will redound more particularly to the welfare of the section where the building is placed, it will also enhance the dignity of the central institution. When in 1890 the experiment was tried of establishing branches to the public library of Boston, which were the first branch libraries successfully put into operation in this country, it was thought by many that the importance of the main collection would be diminished when the branches were fairly under way. This notion was speedily dissipated, for it was found that the borrowers of a library were fewer in proportion to the distance and difficulty of the access of the library building, and that while a new centre created a new class of borrowers, the library circulation of the city as a whole was increased. It was also felt that branches

would detract from the hold which the main library would have upon the people. This fear likewise proved to be unfounded, for it was shown that while the branches "created and supplied a constituency of their own, they served to make known to a larger degree the existence and capabilities of the parent institution." Similar results have uniformly followed the establishment of branches in this country and in England, with a few unimportant exceptions. Therefore we shall enter on this new phase of library development in our city with full confidence in the benefits to accrue to the city as a whole.

Conspicuous among the gifts to the library during the year is the statue of Damoxenus, presented by Mr. E. D. Jordan, of Boston. This beautiful and costly copy, in Italian statuary marble, of one of the twin figures of Canova's Boxers, represents a Greek boxer in the act of returning a blow just received from an antagonist with whom he has been contending. The beauty of the athletic figure, the expression of the countenance befitting the tragic intent, and the portrayal of symmetrical muscular development in the height of action show the consummate art of the great sculptor. The statue was placed in its present position in the curved front of the delivery room last October, and has since attracted universal attention.

For the maintenance of the library for the year 1908 the trustees ask for an appropriation of $17,000 and the dog tax.

The request for a somewhat increased appropriation is necessitated by a greatly enlarged expenditure for binding; our annually decreasing amount of funds available for the purchase of books; and by the increase of $100 per year in the salary of each member of the staff—an increase which the trustees believed was demanded as a matter of simple justice.

As it will be necessary to have a suitable equipment of books ready for the branch library at West Somerville, at the completion of the building, in order that the library may be put in operation without delay; and as these books can be purchased at much better advantage if procured from time to time as opportunity offers, and as the cataloguing and other preliminary work connected with the installation of these books can be done with much saving if done in moments of leisure extending through the year, the trustees have asked the city government to place at their disposal for this purpose $1,000 of the $2,500 which by terms of gift is to be devoted annually to the maintenance of this branch.

It remains for us again to recognize the intelligence, fidelity, and zeal of our librarian, and his ready helpfulness to the public on all occasions, and the efficient and harmonious working of the corps of assistants.

Respectfully submitted for the board of trustees,

EDWARD C. BOOTH,
President.

December 31, 1907.

REPORT OF THE LIBRARIAN.

To the Trustees of the Somerville Public Library:—

I herewith submit the librarian's thirty-fifth annual report. In accordance with recent custom, the details of the library's activities for the year are given by departments.

The Cataloguing Department.

The cataloguing department, under the supervision of Miss Esther M. Mayhew, has had an active year. Below are the statistics in detail of the work accomplished:—

Books Added.

Accession number January 1, 1907	87,501
" " " " 1908	92,891
Total number of books added during 1907	5,390
Books new to library	3,274
Duplicates	2,116
Total number withdrawn	13,729
Total number of books in library	79,162

Binding.

Volumes rebound	4,659
Periodicals bound	415
Paper-covered books bound	20
Pamphlets	134
Total	5,228

Books Withdrawn.

Number of books worn out	1,801
" " " lost by general readers	37
" burned on account of infectious exposure	60
" lost in schools	51
Total number withdrawn	1,949
Total number of books withdrawn to January 1, 1907	11,780
" " " " " during 1907	1,949
Total	13,729

It will be noted that no mention is made above of the number of books reported missing at inventory. This omission is due to the fact that we have been unable, largely on account of illness on the part of the staff, to make any inventory during the past twelve months. A thorough inventory is a monstrous bugbear; but it is a duty that should be performed and performed thoroughly. I think perhaps unless there are well-founded suspicions of systematic thievery, the requirements of good business management would be satisfied with a biennial inventory. At any rate, a thorough inventory of all departments of the library should be made during the coming year. Various plans looking

to this end have been considered; but it becomes increasingly evident that the work cannot be done by the regular staff in addition to their routine duties in a limited period of time. The library might be closed to the public for several weeks while the inventory is going on; but this is an alternative I dislike to consider. I think the most feasible method that can be adopted would be to close up the cataloguing department for as long a period as possible during the month of July and put the cataloguers upon the work of the inventory. The reference department might also be closed, and the reference librarian devote her time to inventory work. During this period, of course, if there should be any urgent demand upon the reference department, the resources of the reference room could be used to meet this demand temporarily. This help, with some assistance from our substitutes, at a cost probably not much exceeding $50, would supply us with what we have never yet had,—a thorough inventory of the library in a limited period of time.

The steady increase in the amount of binding done by the library should impress us that this is an item of expense that will progressively enlarge with each succeeding year. The bulk of our books have now reached an age when the need of re-binding becomes imperative. This, with the accumulative growth of the library and the increased price of binding, due to the eight-hour system that prevails in the binderies, makes a largely increased appropriation for binding necessary each successive year. This will be especially true for next year, as a large number of books requiring binding have not been sent to the binderies the latter part of the present year for lack of necessary funds.

During the latter part of the year the cataloguers have written the shelf number upon the backs of the books with gilt and various colored inks, instead of writing them upon a gummed tag. These tags become frayed and discolored, are hard to remove, and are inartistic. It is hoped the new system may give better satisfaction.

School Department.

The school department, under the supervision of Miss Mary S. Woodman, has done an increased amount of work during the past year. Though a considerable number of books is purchased for this department every year, we do not yet have a sufficiently large collection to furnish the teachers a wide range of choice. It is not sufficient to have just enough books to supply the requisite number to all the schoolrooms; but we ought to have a considerable collection of surplus books on the shelves at all times, so that the teachers may be granted a wide freedom of choice.

The shelving facilities of the school librarian's room are not sufficient to accommodate the books during the vacation months,

and many of them are stored in closets. This is an awkward and unsatisfactory arrangement, and increased shelving accommodation should be installed.

Below are the statistics of this department for the year:—

Books in library	7,376
Increase during year	265
Libraries out	165
Volumes out	6,649
Volumes delivered	7,983
Circulation during the year:—	
Fiction	48,564
Non-fiction	58,440
Total	107,004

Reference and Art Department.

The reference and art department, under the supervision of Miss Mabel E. Bunker, has accomplished its usual amount of work during the past year.

Below is given the monthly attendance for the year:—

January	972
February	1,045
March	1,130
April	1,148
May	665
June	619
July	471
August	339
September	635
October	1,417
November	1,172
December	1,095
Total	10,181

During the year there have been sixteen art exhibitions, as follows:—

Famous Pictures, No. 2.
Egypt No. 1, Cairo to Luxor.
Yellowstone National Park, Part 3.
Switzerland, No. 2, The Bernese Overland.
Japan, No. 2.
Switzerland, No. 1.
Florence, No. 2.
Babies in Art.
Southern Coast of England.
Local No. 2, Photographs of Milton, Framingham, and Lancaster.
Concord, and Concord Fight, April 19, 1775.
Pompeii and Herculaneum.
The Land of Evangeline.
Famous Pictures, No. 4.
American Parks.
Modern American Sculpture.

Some of the books purchased during the year for this department:—

Apocryphal New Testament.
Aria's Costume: Fanciful, Historical, and Theatrical.
Bailey's Cyclopedia of Agriculture, 2v.
Benham's Book of Quotations.
Bing's Artistic Japan.
Capen's Country Homes of Famous Americans.
Cary's Works of James McNeill Whistler.
Clement's Angels in Art.
Coemen's Essays on Glass, China, Silver, etc.
Cyclopedia of Law, 12v.
Dayot's Beautiful Women in Art.
Forbush's Useful Birds and Their Protection.
Frost's Book of Drawings.
Holt's Fancy Dresses Described.
Hooper's The Country House.
Hough's Handbook of the Trees of the Northern States and Canada.
Jackson's Intarsia and Marquetry.
Johnston's Writing and Illuminating and Lettering.
Martin & Campbell's Canada.
Muther's History of Modern Painting, 4v.
Nelson's Encyclopaedia, 12v.
Roger's The Tree Book.
Rowe's Practical Wood-Carving.
Solon's The Art of the Old English Potter.
Strange's English Furniture, Decoration, Wood-Work, and Allied Arts.
"(The) Studio," Year Book of Decorative Art, 1907.
Thompson Genealogy.
Tissot's The Old Testament, 2v.
Twopenny's English Metal Work.
Wakeman Genealogy.
Wood's Scottish Pewter Ware and Pewterers.

Also some German art books:—

Alte Meister.
Eyth's Das Farbige Maberbuch.
Hoffman's Auswahl von Motiven ans der Moderne Stil, 6v.
Meister der Farbe, 1906.
Menzels, Adolf—Das Werk Adolf Menzels.

An actual count has been made during the year of all the books in this department. As the result of this count the following facts have been ascertained:—

Number in main reference room	2,355
" " art room	940
" " Americana room	3,512
" " Somerville alcove	395
" " catalogue room	197
" " Massachusetts document room	821
" " United States document collection	1,193
Total	9,413

During the year 171 visitors have used the Americana room and 134 have used the art room. Thus it will be seen that these rooms are used to a very small extent in proportion to the money that is expended upon them. During the year 134 people have used the art room, and $228.85 has been expended upon the art

department. Consequently it has cost us $1.70 for every visitor that has entered the art room during the year. This is a poor return for the money expended. I cannot think that this furnishes a criterion of the artistic taste of the community. It is rather a demonstration of a fact, that has already been many times demonstrated, that the public will not use books that are sequestered from public access.

Increased shelving facilities are urgently needed in this department. Permit me to call attention once more to the structural weakness of this room. This is so apparent that the committee on building and grounds has decided that increased shelving in that part of the room under the dome in the interests of safety should not be attempted. If there is any way to remedy this weakness, I respectfully recommend that it be remedied during the coming year.

The Children's Department.

The children's department, under the supervision of Miss Anna L. Stone, has done an increasing amount of work during the year. The circulation of this room has been 71,563, of which 58,572 have been fiction and 12,991 other works.

There is no doubt that this is one of the most useful rooms in the building, and perhaps results in greater civic benefit than any other department of the library. But, as I have before mentioned, the entrance and exit to this room are such that it is more or less of a nuisance to the mature part of our patrons. The noise made by the children in passing up and down the stairs in such near proximity to the reading room is at times very disconcerting. This room would be ideally located, as far as the general public is concerned, if there were a direct entrance to it from the outside. It is remote from the main body of the library; and if there were a direct entrance to it, the exuberance of youth, that inevitably results in noise, could let off its surplus energy without a general disturbance. I again respectfully recommend that such an entrance be effected.

A corticine carpet, such as covers the floor of the delivery room, would deaden the noise that is unavoidable in a gathering of children, and, although it would not be appreciated by the children themselves, would result in a great relief to the attendants of the room.

Agencies.

Below is a table of circulation of the different agencies during the year:—

Agencies.	Teele Square.	West Somerville.	East Somerville.	South Somerville.	Union Square.	Highland.
January	398	525	18	227	13	35
Shelves	1,026	1,734	909		432	1,380
February	348	460	32	186	14	27
Shelves	910	1,395	768		352	1,144
March	356	518	34	211	15	12
Shelves	1,064	1,537	814		397	1,197
April	367	574	40	214	6	10
Shelves	1,025	1,884	944		533	1,432
May	271	450	14	196	10	6
Shelves	600	1,534	689		349	1,142
June	244	377	4	147	13	8
Shelves	916	1,364	637		316	1,047
July	328	365	19	234	10	9
Shelves	1,115	1,716	709		461	1,196
August	223	280	4	147	12	6
Shelves	802	1,241	605		410	829
September	167	275	8	151	3	6
Shelves	794	1,315	472		362	996
October	302	344	17	158	20	27
Shelves	1,023	1,696	945		439	1,131
November	265	281	18	136	20	13
Shelves	956	1,365	740		327	876
December	330	302	20	216	21	13
Shelves	1,250	1,769	1,376		352	1,026
Totals	15,080	23,301	9,836	2,223	4,887	13,568

General Work.

The general work of the library has been carried on under the supervision of Miss Florence D. Hurter, the assistant librarian. Miss Hurter took up this new work with enthusiasm and great efficiency. Her serious illness has been a matter of regret to all the library staff. I am glad to say that she seems to be

well on the way to a full recovery at an early date. During her enforced absence Miss Nellie M. Whipple has served as assistant librarian, and under unusual difficulties, induced by a staff greatly depleted by sickness, she has performed the work to the great satisfaction of the library management and to the public.

The general circulation figures of the year are as follows:—

	Fiction.	Other Works.	Total.
January	29,159	14,590	43,749
February	24,857	12,382	37,239
March	27,905	12,976	40,881
April	31,895	14,767	46,662
May	24,658	11,343	36,001
June	21,572	8,480	30,052
July	21,781	4,077	25,858
August	15,415	2,965	18,380
September	15,347	3,531	18,878
October	25,976	10,749	36,725
November	25,476	12,311	37,787
December	31,380	15,947	47,327
Total	295,421	124,118	419,539

Last year the circulation was 410,538; there is consequently a net increase the current year of 8,862, or about 2.16 per cent. This is not as large as our usual increase. In fact, during much of the year there has been an actual decrease from the corresponding months of the previous year. But our circulation for December is the largest circulation for that month, or for any other month, in the history of the library, and we seem to be entering upon another period of steady and progressive increase.

Below is given our circulation by classes, exclusive of fiction:—

General works	7,918
Philosophy	1,400
Religion	5,643
Sociology	21,078
Philology	611
Natural science	15,141
Useful arts	4,655
Fine arts	6,462
Literature	16,474
History	31,745
Total of general delivery	111,127
Delivered from children's room	12,991
Total of other works	124,118
Fiction	295,421
Other works	124,118
Total	419,539
Percentage, fiction	70.42%
Other works	29.58%

Below is the statistical statement of the general work of the year:—

Accession number		92,891
Volumes in library		79,162
" added		5,390
Total circulation		419,539
Delivered from children's room		72,754
" " Teele Square agency		3,599
" " " " shelves		11,481
" " West Somerville agency		4,751
" " " " shelves		18,550
" " East Somerville agency		228
" " " " shelves		9,608
" " South Somerville agency		2,223
" " Union Square agency		157
" " " " shelves		4,730
" " Highland agency		172
" " " " shelves		13,396
" " Knapp school		999
Volumes out in Sunday schools		1,595
" " " school library		6,649
Visitors in reference room		10,708
Cards issued		3,781
Fines	$794 73	
Books	158 12	
Telephone	15 82	
Total	$968 67	

During the year 364 vacation cards were issued. Eleven hundred and twenty-seven books were delivered to the homes of the people by our delivery boys. Thirty-three sets of stereographs are now owned by the library. The circulation of these sets during the year amounted to 678.

The following Sunday schools take books from the library: Broadway Congregational, Flint-street Methodist, Perkins-street Baptist, Prospect-hill Congregational, Second Unitarian, West Somerville Baptist, Winter-hill Congregational, Winter-hill Universalist, Park-avenue Methodist, Second Advent, and the Highland Congregational.

Books are also sent to the Y. M. C. A., the Somerville Boys' club, and to the Somerville hospital.

The library has received the following donations of books, pamphlets, and periodicals during the past year:—

List of Donations.

	Vols.	Pamph.	Period.
Adams, Charles F.	1		
Albree, John	1		
Amherst College		1	
Bay State Historic League		1	
Boston Atheneum		1	
Boston Children's Friend Society		2	
Boston Assoc. for Relief and Control of Tuberculosis		1	
Cacocum Fruits Company		1	
Canadian Railway	1		
Dartmouth College	1		
Davos Public Interest Association	1		
Dean, F. Stuart	1		
Department of Agriculture, Ottawa, Canada	1		
Dolbear, Professor A. E.	15	3	5
Duddy, Bessie L.	1		
Emma Shipman Pupils Association	1		
Fowler, Nathaniel C., Jr.	1		
Free Library Commission of Wisconsin		1	
Gay, Frederick L.	1		
Goss, Ernest C.	1		
Graves, Dr. Henry C.		1	
Harvard University	2		
Herbert, John			22
Hincks, Marion F.			9
Indian Rights Association		1	
Lake Mohonk Conference		1	
Leland Stanford University	1		
Libbey, L. M.	1		
Library of Congress	4		
McNeil, G. Leonard	1		
Macy, John C.	1		
Massachusetts	40	8	
Massachusetts Civic League		3	
Massachusetts Free Library Commission		1	
Massachusetts Institute of Technology	1		
Massachusetts State Library	1		
Medford, Mass.	1		
Merchants Association of New York		1	
Merrill, Frank E.	4		
Metropolitan Water and Sewerage Board	1		
Morse Institute		1	
Nebraska Public Library Commission		1	
New England Historic Genealogical Society		2	
New Jersey Public Library Commission		1	
New Bedford Textile School		1	
Nickerson Home		1	
Penn. Home Teaching Society		1	
Parker and Lee	1		
Peabody Institute		1	
Perkins Institute	2		
Carried forward	88	36	36

LIST OF DONATIONS.—Continued.

	Vols.	Pamph.	Period.
Brought forward	88	36	36
Pinn, Edward	1	22	
Prtman, Isaac and Sons	1		
Piatt Institute		1	
Providence Atheneum		2	
Public Libraries: —			
Allegheny, Pa. (Carnegie Library)		2	
Arlington (Robbins Library)		1	
Ashland		1	
Athol		1	
Atlanta, Ga. (Carnegie Library)		1	
Baltimore (Enoch Pratt Library)		1	
Beverly		1	
Boston		1	
Bradford, Pa. (Carnegie Library)		1	
Brockton		1	
Brookline		1	
Brooklyn, N. Y.		1	
Cambridge		1	
Canton		1	
Cedar Rapids, Iowa		1	
Chicago, Ill.		2	
Chicago, Ill. (John Crerar Library)		1	
Cincinnati, Ohio		1	
Cleveland, Ohio		1	
Clinton (Bigelow Library)		1	
Concord		1	
Concord, N. H.		1	
Dayton, Ohio		1	
Detroit, Mich.		1	
District of Columbia		1	
Dover, N. H.		1	
Easton, Pa.		1	
Erie, Pa.		1	
Everett (Parlin Library)		1	
Everett (Shute Library)		1	
Fall River		1	
Fitchburg		1	
Groton		1	
Hagerstown, Md.		1	
Hartford, Conn.		1	
Haverhill		1	
Holliston		2	
Hudson		1	
Laconia, N. H.	1		
Leominster		1	
Los Angeles, Cal.	1		
Louisville, Ky.		1	
Lowell City Library		1	
Lynn		1	
Malden		1	
Manchester, N. H.		1	
Marblehead (Abbot Library)		1	
Marlborough		4	
Carried forward	92	113	36

LIST OF DONATIONS. — Continued.

	Vols.	Pamph.	Period.
Brought forward	92	113	36
Public Libraries (Continued): —			
Medford		1	
Melrose		1	
Milwaukee, Wis.		1	
Minneapolis, Minn.		1	
Newark, N. J.		1	
New Bedford		1	
Newburyport		1	
New Haven, Conn.		1	
Newton		1	
Niagara Falls, N. Y.		1	
North Adams (Houghton Memorial Library)		1	
Northampton		1	
Northampton (Forbes Library)		1	
Norwich, Conn. (Otis Library)		1	
Omaha, Nebraska		1	
Passaic, N. J.		1	
Paterson, N. J.		1	
Peoria, Ill.		1	
Philadelphia, Pa.		1	
Pittsburg, Pa. (Carnegie Library)	1	1	
Plainfield, N. J.		1	
Portland, Me.		1	
Poughkeepsie, N. Y. (Adriance Memorial Library)		1	
Providence, R. I.		1	
Queensborough, N. Y.		2	
Quincy (Thomas Crane Library)		1	
Rochester, N. H.		1	
Rockland		1	
St. Louis, Mo.	1		
Salem		1	
San Diego, Cal.		1	
Scranton, Pa.		1	
Stoneham		1	
Syracuse, N. Y.		1	
Taunton		1	
Toledo, O.		1	
Trenton, N. J.		1	
Wakefield		1	
Waltham		1	
Watertown		1	
Westborough		1	
Winthrop		1	
Woburn	1		
Worcester		1	
Yanaguchi, Japan		1	
Rawson, Frederick G.	3		
Richter, Emanuel	1		
St. Louis Mercantile Library Association		1	
Sanborn, Mrs. Carrie A.	2		
Southwick, Jennie Lea	1		
Springfield Library Association		1	
Stanford University of California		1	
Stone and Webster		1	
Carried forward	102	161	36

LIST OF DONATIONS. — Concluded.

	Vols.	Pamph.	Period.
Brought forward	102	161	36
Tobey, Dr. E. N.	2		
Tufts College	1	1	
United States	17	8	
Valentine, H. E.			12
Walker, Hon. T. B.	1		
Webster, E. S.	3		
Wilmington Institute		1	
Wright, Ellen	1		
Totals	127	171	48

Conclusion.

The work of the library has been rendered difficult during the past year by an unusual amount of sickness on the part of the staff; so that at times it has been very hard to perform it with the efficiency with which it should be done. The staff has done excellent work, however, under these difficulties; and I wish to thank them, as well as the members of your board, for co-operation, for forbearance and help.

Respectfully submitted,

SAM WALTER FOSS,
Librarian.

December 31, 1907.

BOARD OF HEALTH.

1907.

ALLEN F. CARPENTER, Chairman,
WESLEY T. LEE, M. D.,
ZEBEDEE E. CLIFF.

OFFICERS OF THE BOARD OF HEALTH.

WILLIAM P. MITCHELL, Clerk and Agent to Issue Burial Permits.
CALEB A. PAGE, Agent.
FRANK L. MORSE, M. D., Medical Inspector.
CHARLES M. BERRY, Inspector of Animals and Provisions.
JULIUS E. RICHARDSON, Milk Inspector.
DUNCAN C. GREENE, Plumbing Inspector.
EDGAR T. MAYHEW, Superintendent Collection of Ashes and Offal.

REPORT OF THE BOARD OF HEALTH.

OFFICE OF THE BOARD OF HEALTH,
City Hall, January 1, 1908.

To His Honor, the Mayor, and the Board of Aldermen:—

Gentlemen,—We respectfully submit the following as the thirtieth annual report of the board of health, in which is presented a statement, tabulated and otherwise, of the sanitary condition of the city and the business of the board for the year ending December 31, 1907:—

Nuisances.

A record of nuisances abated during the year, in compliance with notices issued by the board, or under the board's direction, is presented in the following table:—

NUISANCES ABATED IN THE CITY IN 1907.

Bakery offensive	8
Barber shops	2
Bread left on steps	1
Burning leather	1
Cellar damp	19
Cesspool offensive	4
Cow barn offensive	5
Cows kept without license	4
Dogs bred in house	1
Drainage defective	48
Drainage emptying into cellar	17
Drainage emptying on surface	9
Fish offal	3
Gas from power house	1
Goats kept without license	2
Hens in cellar	6
Hennery offensive	11
Hens without permit	7
Horses under store	1
Manure exposed and offensive	13
Manure pit defective	31
Offal on land	16
Offensive odor in and about dwellings	13
Pigeons in cellar	1
Pigs kept without license	8
Premises dirty	147
Privy-vault offensive	8
Rabbits in cellar	1
Rubbish in cellar	44
Slops thrown on surface	3
Stable infected with glanders	38
Stable and stable premises filthy and offensive	27
Stable without drainage	18
Stagnant water on surface	8
Water-closet defective	41
Water under stable	5
Total	572

Number of nuisances abated	572
Number of nuisances referred to board of 1908	16
Number of nuisances complained of	588
Number of complaints (many covering more than one nuisance)	410

In addition to the above, 365 dead animals have been removed from the public streets, and many nuisances have been abated on verbal notice from the agent, without action by the board, of which no record has been made. Each spring the whole city is examined, and cellars, yards, and alleyways where rubbish and filth have collected are required to be cleaned.

Glanders.—Thirty-eight cases of glanders have been reported during the year. Prompt action was taken in every case, and thirty-three of the horses were killed, five being released from quarantine by order of the cattle commissioners.

Permits.

The record of permits to keep cows, swine, goats, and hens, to collect grease, and to remove manure is as follows:—

Cows.—Forty-one applications were received for permits to keep 112 cows. Thirty-four permits to keep ninety-nine cows were granted, and seven permits were refused.

Swine.—Eighteen applications were received for permits to keep thirty-five swine. Seventeen permits were granted to keep thirty-four swine, and one permit was refused. The fee is one dollar for each swine.

Goats.—One application was received for a permit to keep one goat, which permit was granted. The fee is one dollar for each goat.

Hens.—Thirty-nine applications for permits to keep 1,124 hens were received. Thirty-three permits to keep 1,002 hens were granted, and six permits were refused.

Grease.—Thirteen applications were received for permits to collect grease, all of which were granted. The fee is two dollars. Four of the parties licensed reside in Somerville, three in Charlestown, two in Cambridge, three in Boston, and one in Chelsea.

Manure.—Two permits were issued during the year for the carting of manure through the streets of the city in the daytime between May 1 and November 1. All permits issued for the removal of manure from the stables in the city in the daytime, or for carting through the streets of the city, remain in force until revoked. No fee is charged for these permits.

Melting and Rendering.—Four parties have been licensed to carry on the business of melting and rendering, under the provisions of the revised laws of 1902, chapter 75, section 111.

Pedlers.

One hundred and sixteen certificates of registration were issued to hawkers and pedlers during the year under the provisions of ordinance number 27—a decrease of sixteen from the year 1906. One hundred and seven certificates have been renewed during the year. Each pedler is required to present a statement from the sealer of weights and measures, showing that his measures have been properly sealed, before a certificate is issued to him. Pedlers are also required to present their vehicles at the police station the first Monday of each month for inspection by the agent of the board, that he may see if they are kept in a clean condition, and are properly marked with the owner's name and number.

Ashes and Offal.

The collection and disposal of ashes, garbage, and other refuse materials is under the control of the board of health, and a competent superintendent is employed to take charge of this department.

To do this work sixty-nine men are employed, and the department owns and uses thirty-two horses, fifteen ash carts, four paper wagons, and thirteen garbage wagons.

Ashes.—The ashes and non-combustible materials are deposited upon the city dumps at Winter Hill and West Somerville. The combustible materials are burned in the incinerator which was built this year near the city stables, except those materials which can be sold at a profit, such as clean paper, rags, and bottles.

The incinerator was put into operation early in September, and has worked very satisfactorily. In order that the combustible and non-combustible materials might be kept separate as far as possible, the following circular was distributed throughout the city:—

Office of the Board of Health,
Somerville, September 6, 1907.

An incinerator has been installed at the city farm, where the combustible waste materials collected by the board of health wagons will be burned, instead of being deposited upon the city's dumps as has formerly been necessary.

Hereafter all householders and others having waste materials for removal by the ash and paper wagons are required to keep combustible and non-combustible matters separate. Paper, cloth, and any other material which can be burned must be kept in separate receptacles from ashes, cans, bottles, iron, dirt, and other articles which cannot be burned.

When combustible and non-combustible materials are deposited together in the same receptacle, the board of health employees may refuse to remove them.

ALLEN F. CARPENTER,
WESLEY T. LEE, M. D.,
ZEBEDEE E. CLIFF,
Board of Health.

During the year 46,516 loads of ashes and 3,258 loads of refuse material have been collected and disposed of.

Collections are made weekly, and the districts and days of collection are as follows:—

MONDAY, DISTRICT NO. 1.

Comprises the entire area extending easterly to the cities of Boston and Cambridge, from a line drawn across Somerville, commencing on Mystic avenue, and extending through Cross street, Central square, Medford street, Washington street, Prospect street, Webster avenue, Tremont street to the Cambridge line, and including collection on both sides of the above-named streets along the division line described.

TUESDAY, DISTRICT NO. 2.

Comprises the entire area extending westerly from the previously-described district number 1 to a line drawn across the city, commencing on Mystic avenue, and extending through Wheatland street, across Broadway, through Walnut street, and extending across Bow street and Somerville avenue, through Hawkins street, Washington street, Perry street, Wyatt street, Concord avenue, crossing Beacon street to the Cambridge line, and including collection on both sides of the above-named streets along the division line described.

WEDNESDAY, DISTRICT NO. 3.

Comprises the entire area extending westerly from the previously-described district number 2, to a line drawn across the city, commencing at the Medford boundary line at Main street, and extending easterly along said Main street, across Broadway, through Sycamore street, thence easterly on Highland avenue, through School street, thence westerly on Somerville avenue, through Dane street and Washington street to the Cambridge line, and including the collection on both sides of the above-named streets along the division line described.

THURSDAY, DISTRICT NO. 4.

Comprises the entire area extending westerly from the previously-described district number 3, to a line drawn across the city, commencing at the Medford line at Magoun square, and extending on Medford street to Lowell street, thence easterly on Somerville avenue and through Park street to the Cambridge line, and including the collection on both sides of the above-named streets along the division line described.

FRIDAY, DISTRICT NO. 5.

Comprises the entire area extending westerly from the previously-described district number 4, to a line drawn across the city, commencing on Broadway, and extending through Willow avenue to the Cambridge line, and including the collection on both sides of the above-named streets along the division line described.

SATURDAY, DISTRICT NO. 6.

Comprises the entire area extending westerly from Willow avenue to the Medford, Arlington, and Cambridge lines.

RULES AND REGULATIONS FOR COLLECTION OF ASHES AND OFFAL.

Ashes must be put in suitable receptacles not larger than an ordinary flour barrel, and must be kept free from all other refuse matter.

House offal or garbage must be kept free from all other refuse matter, and in suitable vessels.

All other refuse, such as paper, rags, excelsior, straw, mattresses, old clothes, pasteboard boxes, carpets, etc., must be kept free from ashes and garbage, and placed in suitable packages or barrels to prevent being scattered in handling.

All ashes and refuse matter for removal must be placed on the outer edge of the sidewalk, on or before seven o'clock in the morning of the day when the collection is to be made.

Earth, gravel, bricks, mortar, stones, lime, plaster, cement, concrete, or refuse material from repairs or construction of buildings will not be removed by this department.

The department will remove tree trimmings, vine cuttings, and yard cleanings during the spring and summer months.

Employees of this department are not allowed to enter cellars, cellarways, bulkheads, or areas for the removal of ashes or offal.

Offal.—During the year the board has continued to dispose of the city offal at its garbage plant adjacent to the city stables. This offal is sold direct to farmers and others, and is handled in a thoroughly sanitary and satisfactory manner. The demand for the garbage has exceeded the supply, and in its disposal there has been an entire absence of objectionable features. The financial returns to the city are large.

During the year 6,986 loads of offal have been collected.

Two collections are made in each district weekly, and during the summer months an extra collection is made at hotels, stores, and other establishments producing large quantities of offal.

Stables.

Under the provisions of sections 69 and 70 of chapter 102 of the revised laws of 1902, thirty petitions for licenses to erect and use stables were received and disposed of as follows:—

Number granted	17
Number refused	13

Board of Infants.

Eighteen parties, whose applications were first approved by this board, have been licensed by the state board of charity to care for forty children, in this city, under the provisions of chapter 83 of the revised laws of 1902.

Deaths.

There were 997 deaths and seventy-five stillbirths in the city during the year, as specified in the following table, which shows a decrease of deaths from the previous year of seven:—

Deaths at Somerville hospital during the year	60
Deaths at Cherry-street hospital	5
Deaths at hospital for contagious diseases	13
Deaths at home for aged poor (Highland avenue),	69
Deaths at City home	6

DEATHS BY AGES.

Ages.	Total.	Male.	Female.
Under one	166	78	88
One to two	17	5	12
Two to three	12	6	6
Three to four	9	4	5
Four to five	9	7	2
Five to ten	25	14	11
Ten to fifteen	16	9	7
Fifteen to twenty	15	8	7
Twenty to thirty	66	32	34
Thirty to forty	55	24	31
Forty to fifty	75	37	38
Fifty to sixty	111	55	56
Sixty to seventy	152	65	87
Seventy to eighty	165	70	95
Eighty to ninety	90	36	54
Ninety and over	14	5	9
Total	997	455	542

Of the stillborn, 47 were males and 28 females.

Mortality in Somerville in 1907.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
I. General Diseases.													
(*A. Epidemic Diseases.*)													
Whooping cough	....	1	1	....	....	....	....	....	....	....	....	....	2
Scarlet fever	3	2	....	....	1	....	...	2	....	1	1	2	12
Diphtheria	1	....	....	....	1	1	1	....	....	....	1	4	9
Typhoid fever	1	....	...	....	....	1	....	1	1	4	3	....	11
Erysipelas	1	1	....	....	....	1	....	....	1	....	....	....	4
Dysentery	....	....	....	....	....	1	1	2	1	....	....	....	5
La grippe	1	1	2	1	3	...	....	....	....	1	....	15	24
Measles	....	....	1	....	....	1	....	....	..	....	....	....	2
(*B. Other General Diseases.*)													
Septicæmia	....	....	....	....	1	....	....	....	....	....	1	....	2
Rheumatism	....	....	2	1	....	1	....	1	2	....	1	....	8
Pernicious anæmia	....	1	....	....	1	1	....	....	....	....	....	2	5
Cancer of anus	1	....	1	....	....	1	....	1	....	....	....	....	4
Cancer of breast	1	....	2	....	1	1	1	2	2	....	2	2	14
Cancer intestines	1	....	1	1	...	3	1	...	2	....	1	....	10
Cancer liver and kidneys	...	3	....	1	2	..	1	....	1	....	....	....	8
Cancer of oesophagus	....	1	....	....	....	....	....	....	....	....	....	...	1
Cancer of stomach	....	....	....	....	4	2	3	....	3	....	2	2	16
Cancer of throat	....	....	1	....	....	1	1	....	1	....	....	....	4
Cancer of tongue and jaw	1	...	....	....	...	....	....	....	....	....	....	....	1
Cancer of uterus	1	....	...	1	2	1	....	....	1	....	1	1	8
Cancer of vulva	...	....	....	....	....	....	....	1	....	....	....	....	1
Tumor	1	....	....	....	....	....	....	1	....	1	....	....	3
Leukæmia	....	...	....	....	....	....	....	1	....	....	.. .	...	1
Diabetes	3	...	1	....	1	. ..	....	....	....	1	....	....	6
Tuberculosis	8	6	11	8	1	6	4	4	4	12	9	13	86
Tubercular meningitis	....	1	1	2	1	1	....	....	....	....	....	....	6
Tuberculosis of hip	...	1	...	1	....	....	....	....	....	....	....	....	2
Tubercular peritonitis	...	....	....	....	....	1	....	....	....	....	....	1	2
II. Diseases of the Nervous System.													
Meningitis	....	1	2	1	3	...	....	....	....	1	2	2	12
Apoplexy	8	4	7	9	5	5	6	3	9	8	3	10	77
Paralysis	2	....	..	1	....	2	1	....	1	2	....	....	9
Brain diseases	1	....	1	....	....	....	1	1	....	....	....	....	4
Convulsions	....	....	....	....	....	....	....	....	....	1	....	....	1
Neuritis	....	....	....	....	....	....	....	. ..	....	1	....	....	1
Spinal disease	1	....	....	....	....	....	....	1	....	....	....	....	2
Hemiplegia	1	....	2	1	....	....	....	....	2	....	...	1	7
Epilepsy	....	....	2	....	....	....	....	....	....	....	....	....	2
Myelitis	...	....	....	1	....	....	....	...	....	....	....	1	2
Eclampsia	....	....	....	....	1	.. ..	....	....	....	....	....	....	1
Paresis	....	....	1	1	....	....	1	....	...	....	....	....	3
Tetanus	....	...	....	..	....	....	. ..	....	....	1	....	....	1
Cerebro-spinal meningitis	...	....	...	3	....	1	....	....	....	....	...	....	4
III. Diseases of the Circulatory System.													
Heart disease	6	5	5	4	5	10	3	3	1	3	8	8	61
Endocarditis	....	1	....	1	3	2	1	1	....	1	3	2	15
Myocarditis	1	3	1	1	2	....	2	2	....	3	4	5	24
Pericarditis	....	....	....	1	....	....	....	1	1	1	....	1	5
Angina pectoris	....	....	....	1	1	1	....	..	1	....	1	1	6
Cyanosis	....	1	1	....	....	....	....	....	....	....	....	...	2
IV. Diseases of the Respiratory System.													
Pneumonia	20	14	16	9	8	5	4	2	1	5	12	23	119
Bronchitis	4	5	3	2	....	3	1	....	....	1	2	1	22
Hemorrhage	....	....	....	....	....	....	....	....	1	....	....	....	1
Asthma	....	....	....	....	....	....	....	....	....	1	....	..	1
Pulmonary œdema	....	....	1	...	....	....	....	1	....	1	...	1	4
Emphysema	....	....	..	....	....	....	....	....	....	1	....	....	1
Pleurisy	....	....	....	....	....	....	....	1	....	....	...	....	1
Laryngitis	....	1	1	....	1	....	....	....	....	....	....	..	3

MORTALITY IN SOMERVILLE IN 1907. — Concluded.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
V. Diseases of the Digestive System.													
Acute indigestion	....	1	2	1	1	2	....	....	....	1	2	....	10
Colitis	....	....	....	....	....	....	1	3	1	2	....	2	9
Gastritis	....	2	1	....	....	1	....	4	....	1	1	1	11
Peritonitis	....	....	2	....	1	1	....	....	....	....	....	....	4
Diarrhœa	....	....	1	....	....	....	....	....	1	1	....	....	3
Cholera infantum	....	....	....	....	....	....	1	5	2	1	....	....	9
Paralysis of intestines	....	1	....	....	....	....	....	....	....	....	....	....	1
Ptomaine poisoning	....	....	....	....	....	....	....	....	....	1	....	....	1
Gastric ulcer	2	....	....	1	1	....	1	1	....	....	....	1	7
Enteritis	1	1	1	....	....	2	....	1	7	3	....	....	16
Hernia	....	....	....	....	1	....	....	....	....	....	....	....	1
Intestinal obstruction	1	....	....	....	....	....	....	....	....	1	....	....	2
Rupture of gall bladder	....	....	....	....	....	....	....	....	....	1	....	1	2
Appendicitis	2	....	....	....	....	....	1	....	....	....	....	....	3
Cirrhosis liver	1	....	....	2	1	....	....	....	....	1	1	....	6
Gall stones	....	....	....	....	1	....	....	....	....	1	....	....	2
Jaundice	....	....	....	....	....	1	....	....	....	....	....	....	1
Hepatitis	....	....	....	....	....	....	....	1	....	1	....	....	2
VI. Diseases of Genito-Urinary System.													
Bright's disease	2	2	1	2	1	1	3	1	2	1	4	....	20
Cystitis	1	....	1	....	....	1	....	....	....	2	....	1	6
Nephritis	8	2	11	5	7	2	5	8	7	6	5	12	78
Pyelitis	....	....	....	....	....	2	....	....	1	....	2	....	5
VII. Childbirth.													
Childbirth	....	.. .	2	2	1	1	...	....	1	1	1	2	11
VIII. Diseases of the Skin and Cellular Tissue.													
Abscess	....	1	....	1	....	.. .	2	....	....	1	....	....	5
Gangrene	1	.. .	.. .	....	1	1	....	1	....	....	1	....	5
Ulcer	1	....	....	....	....	....	....	....	....	....	....	....	1
IX. Malformations.													
Hydrocephalus	....	....	2	1	....	....	....	....	....	1	....	1	5
Malformation	1	....	....	1	....	....	1	....	1	1	2	....	7
X. Early Infancy.													
Marasmus	..	....	1	1	....	....	1	....	....	....	1	....	4
Inanition	....	2	....	1	....	....	....	1	....	1	2	1	8
Asphyxia neonatorum	....	....	....	....	....	....	1	....	1	1	....	....	3
Premature birth and congenital debility	1	2	2	4	3	2	9	2	....	4	3	4	36
XI. Old Age.													
Old age	2	1	....	.. .	1	2	....	1	....	2	2	1	12
Senile dementia	1	2	1	...	1	....	....	1	....	1	....	1	8
XII. Violence.													
Alcoholism	1	....	1	....	...	....	....	1	....	....	....	....	3
Drowning	....	....	....	....	....	...	....	....	1	....	...	2	3
Railroad	1	2	4	....	....	....	....	....	....	1	1	...	9
Suicide	....	....	....	1	...	...	1	1	1	....	....	....	4
Burning	....	1	2	....	....	....	2	5	....	....	....	2	12
Poisoning	....	....	....	....	....	....	..	....	....	....	....	1	1
Suffocation	....	. ..	....	....	....	....	....	....	....	1	1	....	2
Fracture of hip	....	...	....	....	1	. ..	....	....	....	1	....	....	2
Fracture of skull	....	1	....	....	1	....	....	....	2	1	....	....	5
Fracture of spine	....	....	1	...	....	....	....	...	....	....	....	....	1
Fracture of thigh	....	....	....	....	....	....	1	....	..	....	....	....	1
Bullet wound	....	....	....	....	....	....	..	....	1	.. .	....	....	1
Injury to lungs	....	....	....	....	1	....	....	....	....	....	....	....	1
Total	95	74	103	75	72	72	63	69	65	92	86	131	997
Stillborn	8	4	7	11	5	6	3	9	10	5	2	5	75

Population (estimated)	74,000
Death rate per thousand	13.5

Social Relations of Decedents.

Married	340
Single	368
Widow	193
Widower	93
Divorced	2
Unknown	1
Total	997

Nativity of Decedents.

Somerville	233
Massachusetts	232
Other New England states	152
Other states	33
Canada	97
England, Scotland, and Wales	34
Ireland	176
Italy	10
Norway and Sweden	8
Russia	3
Other countries	10
Unknown	9
Total	997

Nativity of Parents of Decedents.

	Father.	Mother.
Somerville	13	27
Massachusetts	180	165
Other New England states	179	167
Other states	31	32
Canada and provinces	121	136
England, Scotland, and Wales	62	60
Ireland	297	307
Italy	31	25
Norway and Sweden	14	12
Russia	8	8
Other countries	30	24
Unknown	31	34
Total	997	997

Of the parents of the stillborn, 28 fathers and 36 mothers were natives of the United States, and 47 fathers and 39 mothers were of foreign birth.

Diseases Dangerous to the Public Health.

This board has adjudgd that the diseases known as smallpox, scarlet fever, diphtheria, membraneous croup, typhus fever, typhoid fever, chicken pox, pulmonary tuberculosis, cerebrospinal meningitis, and cholera are infectious, or contagious, and dangerous to the public health and safety within the meaning of the statutes. Physicians are required to report immediately to the board every case of either of these diseases and all cases of measles coming under their care, and postal cards conveniently printed and addressed are supplied to them for the purpose. On receipt of a card from a physician, the superintendent of schools,

the principal of the school in the district in which the patient resides, and the librarian of the public library are notified, and state board of health.

Scarlet Fever.—Four hundred cases of scarlet fever have been reported during the year, twelve of which resulted fatally. In 1906 there were 154 cases, one of which resulted fatally.

Diphtheria.—One hundred ninety-four cases of diphtheria have been reported during the year, nine of which were fatal. In 1906 there were 136 cases, fifteen of which proved fatal. Anti-toxin has been provided by the state board of health, and placed by this board in central locations for use by physicians in cases where people are unable to purchase the same. Culture tubes for diphtheria and sputum bottles for suspected tuberculosis have been obtainable at the same stations.

Warning cards are used in dealing with scarlet fever and with diphtheria, and the premises are fumigated by the use of the formaldehyde gas regenerator, immediately after the termination of the case. An inspection is made by the agent of the board of the premises where diphtheria is reported, and all sanitary defects discovered are required to be remedied as soon as possible.

Tuberculosis.—Eighty-three cases of tuberculosis have been reported during the year. There were eighty-six deaths from this disease.

Typhoid Fever.—Ninety-one cases of typhoid fever have been reported during the year, eleven of which have proved fatal. In 1906 there were ninety-three cases reported, eleven of which were fatal.

Typhus Fever, Cholera.—No cases of typhus fever or cholera have been reported the past year.

Smallpox.—One case of smallpox has been reported during the year.

Number of cases of scarlet fever and diphtheria for which houses were placarded	594
Number of premises disinfected by agent	988

Disinfection.

It will be seen by the foregoing figures that, in addition to the 594 premises infected with scarlet fever or diphtheria, 399 other premises were disinfected. Forty disinfections were made at the request of attending physicians whose patients had been ill with typhoid fever or cancer. Two hundred and twenty-six schoolrooms were disinfected for scarlet fever or diphtheria, and 128 premises for tuberculosis, in compliance with the regulations passed by this board.

Many library books have also been disinfected, and quantities of infected bedding and other material have been burned.

TABLES.

The prevalence of scarlet fever, diphtheria, and typhoid fever in the city during the several months of the year 1907 is shown by the following table, and in the table next following is given the number of deaths from these three diseases, by months, during the last ten years:—

Scarlet Fever, Diphtheria, and Typhoid Fever Reported in 1907.

Months.	Scarlet Fever.			Diphtheria.			Typhoid Fever.		
	Cases Reported.	Number of Deaths.	Percentage of Deaths.	Cases Reported.	Number of Deaths.	Percentage of Deaths.	Cases Reported.	Number of Deaths.	Percentage of Deaths.
January	191	3	1.5	30	1	3.3	5	1	20.0
February	41	2	4.9	14	....	....	1	....	....
March	25	....	....	13	...	....	2	....	....
April	17	....	....	18	....	....	3	....	....
May	13	1	7.7	22	1	4.5	3	....	....
June	19	....	....	28	1	3.6	3	1	33.3
July	15	....	....	6	1	16.7	4	....	....
August	6	2	3.3	7	....	....	3	1	33.3
September	6	....	....	5	....	....	18	1	5.5
October	12	1	8 3	5	....	...	43	4	9.3
November	35	1	2.9	15	1	6.7	4	3	75.0
December	20	2	10.0	31	4	1.29	2	....	....
Total	400	12	3.0	194	9	4.6	91	11	12.1

Deaths from Scarlet Fever, Diphtheria, and Typhoid Fever in the Last Ten Years.

Months.	Scarlet Fever.										Diphtheria.										Typhoid Fever.									
	1898.	1899.	1900.	1901.	1902.	1903.	1904.	1905.	1906.	1907.	1898.	1899.	1900.	1901.	1902.	1903.	1904.	1905.	1906.	1907.	1898.	1899.	1900.	1901.	1902.	1903.	1904.	1905.	1906.	1907.
January	..	..	..	..	..	4	..	..	..	3	2	1	7	10	4	1	3	3	..	1	2	1	..	1	..	3	1	..	..	1
February	..	..	1	4	1	2	1	1	..	2	..	2	1	4	..	2	3	2	2	..	2	1	1	2	..	1	..	..	1	..
March	..	..	..	1	..	..	1	1	..	..	..	..	5	2	..	3	..	..	2	..	..	..	1	..	1	1	1	..	1	..
April	..	..	2	..	..	..	..	..	1	..	1	..	2	..	1	..	1	1	5	..	2	..	..	..	..	..	..	1	3	..
May	..	..	..	..	..	..	..	..	..	1	1	1	5	3	2	2	3	1	2	1	1	1	..	..	..	1	1	..	..	..
June	..	..	..	..	..	1	..	1	..	..	..	..	3	1	..	1	..	1	..	1	1	..	..	..	1	..	1	2	2	1
July	..	..	..	..	..	..	..	..	..	..	..	..	4	..	1	..	1	..	..	1	..	1	..	1	1	..	1	1	..	..
August	..	..	..	..	..	..	..	1	..	2	3	..	..	2	1	2	1	..	..	..	1	2	1	1	..	..	2	..	1	1
September	..	..	..	..	..	..	..	..	..	..	..	..	9	1	..	2	..	1	..	..	..	2	1	3	1	2	..	..	1	1
October	..	..	1	..	..	..	..	..	..	1	..	1	6	3	2	2	..	2	2	..	1	1	3	1	1	2	..	1	2	4
November	..	..	2	..	1	..	..	..	..	1	2	1	3	2	3	2	.	3	1	1	..	3	2	..	..	..	3	3	..	3
December	..	3	1	..	1	3	1	..	..	2	1	5	4	1	5	2	2	3	1	4	1	3	..	3	1	..	1	1	..	..
Total	0	3	7	5	3	10	3	4	1	12	10	11	49	29	19	19	14	17	15	9	11	15	9	12	6	10	11	9	11	11

Table of Deaths During the Last Ten Years.

Year.	Rate per 1,000.	No. of Deaths.
1898	880	15
1899	801	13
1900	967	16
1901	831	13
1902	890	13
1903	955	14
1904	964	14
1905	968	14
1906	1,004	14
1907	997	14
Average death rate per 1,000 for ten years		14

Table Showing the Five Principal Causes of Death in Somerville in 1907.

Pneumonia.		Heart Disease.		Nephritis.		Tuberculosis.		Apoplexy.	
Number of Deaths.	Number per 10,000 of Pop.	Number of Deaths.	Number per 10,000 of Pop.	Number of Deaths.	Number per 10,000 of Pop.	Number of Deaths.	Number per 10,000 of Pop.	Number of Deaths.	Number per 10,000 of Pop.
119	16.1	113	15.3	98	13.1	86	11.1	77	10.4

Hospital for Contagious Diseases.

During the past year this hospital has proved its value and usefulness to the city. In January an epidemic of scarlet fever occurred, and every available space, including the temporarily-equipped attics, was utilized for the accommodation of patients. At no time has the hospital been without patients, and there has been a considerable financial income from paying patients and those having settlements in other cities.

Miss Nellie J. Van Cor has continued as matron during the year, and under her efficient management the care of the patients has been satisfactorily conducted and the business details have been economically arranged and carried out.

Additional room is needed for nurses and help, and several improvements and alterations would greatly increase the effectiveness of the hospital. It is to be hoped that these changes may be made in the near future.

Undoubtedly the removal of patients to the hospital has prevented the development of many cases of contagious diseases in our city, besides saving some lives which would have been sacrificed under less favorable conditions.

The statistical report of the hospital will be found in the report of the medical inspector.

Medical Inspection of Schools.

The medical inspection of the schools of Somerville, which was instituted in December, 1907, has been continued during the year. The value of the system has been constantly demonstrated, and the work has been done in a very satisfactory manner. There has been harmony of action between the board of health and the school board, and the school principals and teachers have very generally co-operated with the inspectors in making the system as successful as possible. During the scarlet fever epidemic, which occurred early in the year, the children were constantly watched and inspected, and every effort was made to prevent the spread of the disease.

The inspectors make daily visits to the schools under their charge, and to them are referred all children who show evidences of disease or abnormal conditions. Children who are found to be unfit to remain in school are sent home, accompanied by a slip properly filled out advising that the family physician be consulted. The inspectors also make an annual inspection of all the children in the schools, and any defects discovered are called to the attention of the parents. Monthly inspections of the school buildings and premises are made, and suggestions or criticisms are referred to the proper authorities. Every effort is made to protect the health of the children and to co-operate with the parents in keeping the children in as normal a condition as possible.

In accordance with the provisions of the statute, tests of sight and hearing are made by the principals or teachers.

A great many children have been referred to the inspectors during the year, and over 2,000 have been sent home on account of illness, or found to have abnormal physical conditions.

The following list will show the classes of diseases and defects which have been found in the schools, except defects of sight and hearing. The prevalence of pediculosis was found to be unusual, in some schools over half the children being affected; but owing to the persistent efforts of the inspectors, the number of cases has been greatly reduced:—

LIST OF DISEASES AND NUMBER OF CASES REPORTED.

1.	Infectious diseases:—		
	Chicken pox	42	
	Scarlet fever	13	
	Influenza	11	
	Mumps	9	
	Whooping cough	8	
	Measles	4	
	Total		87

2.	Diseases of the nose and throat:—		
	Enlarged tonsils and adenoids	996	
	Inflammatory diseases	391	
	Other abnormal conditions	24	
	Total		1,411
3.	Diseases of the eye:—		
	Inflammatory conditions of the eyes and lids	137	
	Foreign bodies and injuries	12	
	Total		149
4.	Diseases of the ear:—		
	Inflammatory conditions	34	
	Wax	11	
	Total		45
5.	Diseases of the skin:—		
	Pediculosis	2,154	
	Impetigo contagiosa	81	
	Eczema	50	
	Herpes	42	
	Itch	26	
	Ring-worm	23	
	Miscellaneous conditions	100	
	Total		2,476
6.	Miscellaneous diseases:—		
	Constitutional diseases	84	
	Diseases of the digestive system	96	
	Diseases of the respiratory system	39	
	Diseases of the circulating system	7	
	Diseases of the lymphatic system	62	
	Diseases of the nervous system	26	
	Diseases of the urinary system	35	
	Wounds and injuries	76	
	Other conditions	119	
	Total		544
	Total number of diseases reported		4,712

The districts and inspectors are as follows:—

District No. 1.—Prescott, Hanscom, Davis, and Edgerly schools. Inspector, Dr. Francis Shaw, 57 Cross street.

District No. 2.—Baxter, Knapp, Perry, and Bell schools. Inspector, Dr. D. M. Flewelling, 9 Carlton street.

District No. 3.—Bennett, Pope, Cummings, and Proctor schools. Inspector, Dr. L. H. Raymond, 66 Highland avenue.

District No. 4.—Morse, Carr, Durell, and Burns schools. Inspector, Dr. W. L. Bond, 322 Highland avenue.

District No. 5.—Brown, Bingham, and Forster schools. Inspector, Dr. H. M. Stoodley, 383 Highland avenue.

District No. 6.—Lincoln, Hodgkins, Highland, and Lowe schools. Inspector, Dr. H. Cholerton, 396 Highland avenue.

District No. 7.—Glines, English High, and Latin High schools. Inspector, Dr. R. F. Gibson, 108 Highland avenue.

Parochial Schools.—Inspector, Dr. M. W. White, 42 Bow street.

Bacteriological Department.

The work of this department was performed by Frank L. Morse, M. D., medical inspector of the board, whose report is appended to this report:—

Specimens will be received at the laboratory at the city hall daily, including Sunday, at any time, and they will be examined and reported upon the morning following their reception.

SPECIMENS AND ANTI-TOXIN.

Outfits for specimens for tuberculosis, diphtheria, and typhoid fever, and diphtheria anti-toxin and vaccine lymph may be obtained at the laboratory and at the following places:—

Claude Curtis, 154 Perkins street.
Bay State Pharmacy, 173 Washington street.
Herbert E. Bowman, 25 Union square.
Fred W. Gay, 524 Somerville avenue.
Hart Brothers, 263 Highland avenue.
Percy A. Hall, 2 Studio building, Davis square.
Herbert E. Bowman, 529 Medford street, Magoun square.
Eugene B. Carpenter, 10 Broadway,
Julius E. Richardson, 310 Broadway.
Paul S. Eaton, 693 Broadway.
Willis S. Furbush & Co., 1153 Broadway.

After the specimen is collected, it must be taken or sent directly to the laboratory at the city hall.

Undertakers.

Under the provisions of section 44 of chapter 78 of the revised laws of 1902, nineteen persons have been duly licensed as undertakers.

Examiners of Plumbers.

The public statutes provide for a board of examiners of plumbers, consisting of a chairman of the board of health, the inspector of buildings, and an expert at plumbing, to be appointed by the board of health. This board appointed Duncan C. Greene, the inspector of plumbing, to fill the place of expert. The number of licenses granted will be found in the report of the inspector of buildings.

Milk Regulations.

Milk is an essential factor in the dietary of nearly every person. If milk is impure or adulterated, it not only has a diminished food value, but it may be a positive menace to the health of the users. Contaminated milk has frequently been proven to be the carrier of disease and the cause of epidemics.

It is evident that too much care cannot be exercised to maintain the standard of quality and purity of the milk supplied to our citizens, not only for the purpose of preventing the development and spread of contagious diseases, but to furnish infants,

invalids, and others who depend for their nutrition largely upon milk, as safe and nutritious a food as possible.

An inspector of milk is employed by the board whose duty it is to constantly test the milk, inspect the sources of supply, license the carriers and dealers, prosecute those who do not conform to the requirements, and in every way endeavor to keep the milk supplied in the city up to the standard.

Believing that the rules governing the sale and care of milk which have been made by the board in the past were not sufficiently stringent or comprehensive to safeguard the health of the citizens, the board passed and is enforcing the following regulations:—

REGULATIONS FOR THE SALE AND CARE OF MILK.

In Board of Health,
Somerville, Mass., May 7, 1907.

It is the opinion of the board of health of the city of Somerville that producing, storing, cooling, mixing, selling, delivering, or distributing milk under conditions contrary in any respect to the following regulations is a cause of sickness within said city, and is and may be injurious and dangerous to the public health, and that milk produced, stored, cooled, mixed, sold, delivered, or distributed under such conditions is capable of containing and conveying infection and contagion and of creating sickness. This board hereby adjudicates that the following regulations are necessary for the public health and safety, and the same are hereby made and adopted. This board hereby prohibits producing, storing, cooling, mixing, selling, delivering, or distributing milk within the limits of this city contrary to any of said regulations.

REGULATION I.

Section 1. All persons in the city of Somerville engaged in the production of milk for sale, or in the business of selling, delivering, or distributing milk in said city, shall annually before the first day of June make written application to the inspector of milk for a license, on forms prescribed by the board of health.

Sect. 2. No person in the city of Somerville shall engage in the business of producing milk for sale, or in the sale or distribution of milk without a license so to do, under these regulations and such other conditions as the board of health may impose; and said license shall be revoked if the licensee fails to comply with the conditions of his license or the regulations of this board.

Sect. 3. All persons having a license to sell, deliver, or distribute milk in the city of Somerville shall keep a copy of the license constantly posted in a conspicuous place on the premises, and every person using a carriage or other vehicle for the delivery of milk for the purpose of sale in the city of Somerville shall have his name, license number, and place of business legibly placed on each outer side of such carriage or vehicle.

Sect. 4. The conditions under which every cow is kept whose milk is brought into the city of Somerville, or kept, delivered, distributed, sold, or offered for sale in said city, shall be made known to the inspector of milk by the licensee in such detail as he may require, and shall be approved by the board of health. No milk except that derived from such cow shall be brought, kept, delivered, distributed, sold, or offered for sale in said city.

REGULATION II.

Section 1. No milk for sale or distribution shall be stored in that portion of a building which is used for the stabling of horses, cows, or other animals, or for the storing of manure, or in any room used in whole or in part for domestic or sleeping purposes.

Sect. 2. No person in the city of Somerville engaged in the business of producing milk for sale, or of storing or delivering milk in said city, shall store, cool, or mix said milk in any room which is occupied by horses, cows, or other animals. All rooms in which milk is stored, cooled, or mixed shall be provided with tight walls, and floor, and shall be kept constantly clean, the walls and floor to be so constructed as to allow of easy and thorough cleansing. The room or rooms aforesaid shall contain proper appliances for washing or sterilizing all utensils actually employed in the storage, sale, or distribution of milk, and all such utensils shall be washed with boiling water or sterilized by steam each time after being used.

Sect. 3. No urinal, water closet, or privy shall be located in the rooms specified in the preceding section, or so situated as to pollute the atmosphere of said rooms.

Sect. 4. All milk produced for the purpose of sale shall be strained and cooled as soon as it is drawn from the cow.

Sect. 5. All wagons used in the conveyance of milk for sale or distribution shall be kept in a cleanly condition and free from offensive odors.

REGULATION III.

Section 1. No person shall sell or deliver or have in his possession with intent to sell or deliver any milk of a temperature exceeding fifty degrees Fahrenheit.

Sect. 2. Milk kept for sale in any store, shop, restaurant, market, bakery, or elsewhere shall be kept in a covered cooler, box, or refrigerator. No vessel containing milk for sale shall be allowed to stand outside said cooler, box, or refrigerator, except while a sale of said milk is being made. Every such cooler, box, or refrigerator shall be properly drained and cared for, and shall be kept only in such locations and under such conditions as shall be approved by the board of health.

REGULATION IV.

Section 1. Every person engaged in the business of producing, storing, selling, delivering, or distributing milk in the city of Somerville shall immediately notify the board of health of the occurrence of any infectious disease in himself, or in his family, or amongst his employees, or within the buildings or premises where milk is produced, stored, sold, or distributed, and he shall suspend the sale and distribution of milk until authorized to resume the same by the board of health.

Sect. 2. No vessels which have been handled by persons suffering with or directly exposed to an infectious disease shall be used to hold or convey milk until they have been thoroughly sterilized.

WILLIAM P. MITCHELL,
Clerk.

Keeping of Medical and Surgical Appliances in Factories.

In Board of Health,
Somerville, October 2, 1907.

Ordered, that the following regulation be and hereby is adopted:—

In accordance with the requirements of Chapter 164, Acts of the Massachusetts legislature of 1907, providing for the keeping of medical and surgical appliances in factories, the board of health adjudges that

the following articles are necessary, and that they must be kept in a suitable dust-proof case:—

Adhesive plaster, 1-inch roll and 2-inch roll.
Bandages, 2 dozen assorted sizes, 1 to 4 inches.
Absorbent cotton, 1 pound.
Gauze, 1 package of 10 yards.
Elastic tourniquet, 24 inches.
Safety pins, 2 dozen.
Splint material, 4 whitewood strips 30 by 4 by 3-16.
Scissors, straight, 3-inch blade.
Basin, enamel.
Tablets, cor. sub. and citric acid, 100.
Carron oil, 1 quart.
Aromatic spirits of ammonia, 4 ounces.

(Signed) WILLIAM P. MITCHELL,
Clerk.

The following is a copy of the Act referred to above:—

SECTION 1. Every person, firm, or corporation operating a factory or shop in which machinery is used for any manufacturing purpose, or for any other purpose, except for elevators, or for heating or hoisting apparatus, shall at all times keep and maintain, free of expense to the employees, such a medical and surgical chest as shall be required by the local board of health of any city or town where such machinery is used, containing plasters, bandages, absorbent cotton, gauze, and all necessary medicines, instruments, and other appliances for the treatment of persons injured or taken ill on the premises.

SECT. 2. Any person, firm, or corporation violating this act shall be subject to a fine of not less than five dollars nor more than five hundred dollars for every week during which such violation continues.

Approved March 1, 1907.

Financial Statement for 1907.

HEALTH DEPARTMENT.

CREDIT.

Appropriation	$8,000 00	
Receipts:—		
Milk fees	152 24	
Permit fees	63 00	
Sundry cities and towns, for care of contagious diseases in 1904, 1905, 1906, and 1907	1,266 65	
Total credit		$9,481 89

DEBIT.

Salaries	$5,050 08	
Repairing and painting vehicles	23 79	
Repairing regenerator	24 50	
Repairing harnesses	38 70	
Horseshoeing	27 50	
Burying dead animals	182 50	
Office expenses of milk inspector	253 39	
Books, stationery, printing, and postage	176 47	
Bacteriological laboratory	49 84	
Board of agent's horse	315 00	
Telephones	95 53	
Amounts carried forward	$6,237 30	$9,481 89

Amounts brought forward	$6,237 30	$9,481 89
Care of contagious diseases (settlements in Somerville)	2,755 32	
Care of smallpox case	299 27	
Incidentals	268 69	
Total debit		$9,560 58
Amount overdrawn		$78 69

Health Department, Collection of Ashes and Offal.

CREDIT.

Appropriation	$40,000 00	
Sale of offal, rags, paper, etc.	8,153 89	
		$48,153 89

DEBIT.

Salary of superintendent	$1,200 00	
Collection of ashes	24,733 70	
Collection of offal	16,040 25	
Stable expenses	2,251 50	
One new ash cart	125 00	
Two new paper wagons	348 00	
One new offal wagon	200 00	
Repairing wagons	682 72	
Tools and repairing same	259 07	
New harness and repairing harnesses	528 04	
Six new horses	1,822 50	
Horse clipping	2 00	
Horse doctoring	58 31	
Board of superintendent's horse	278 73	
Horseshoeing	792 19	
Hay and grain	5,706 68	
Building incinerator	914 48	
Incidentals	253 47	
Total debit		$56,196 64
Amount overdrawn		$8,042 75

Health Department, Hospital for Contagious Diseases.

CREDIT.

Appropriation	$1,000 00	
Receipts:—		
Sundry cities and persons, care of patients	5,663 00	
Board of health (patients settled in Somerville)	1,502 16	
Webcowit Press (bill paid twice)	2 50	
Total credit		$8,167 66
Amount carried forward		$8,167 66

Amount brought forward		$8,167 66
DEBIT.		
Salary of matron	$767 44	
Salary of assistant matron	263 42	
Salaries of nurses	1,244 84	
Cook	389 50	
Janitor	469 62	
Housework	207 05	
Laundry and cleaning	445 37	
Frank L. Morse, M. D. (3 months)	49 98	
Supplies	865 93	
Groceries and provisions	1,360 66	
Incidentals	168 85	
Total debit		$6,232 66
Amount unexpended		$1,935 00

Health Department, Medical Inspection in the Public Schools.

CREDIT.		
Appropriation		$1,500 00
DEBIT.		
Salaries of inspectors	$1,400 32	
Printing	105 50	
Total debit		1,505 82
Amount overdrawn		$5 82

Appropriations Overdrawn.

Health Department	$78 69
Health Department, collection of ashes and offal	8,042 75
Health Department, medical inspection in the public schools	5 82
Total amount overdrawn	$8,127 26

Appropriation Unexpended.

Health Department, hospital for contagious diseases	$1,935 00
Net amount overdrawn	$6,192 26

ALLEN F. CARPENTER, Chairman,
WESLEY T. LEE, M. D.,
ZEBEDEE E. CLIFF,
Board of Health.

REPORT OF THE MEDICAL INSPECTOR.

Somerville, January 10, 1908.

To the Board of Health of the City of Somerville:—

Gentlemen,—I herewith present the report of the medical inspector for the year 1907, including the statistics of the contagious disease hospital and the bacteriological laboratory.

Scarlet Fever. During the year 400 cases of this disease were reported in the city, a considerable increase in number over the previous year. For the month of January 191 cases were reported, at which time this city shared with Boston, Cambridge, and Everett, one of the largest epidemics of scarlet fever ever reported, aggregating over 1,000 cases. From January 1-5 only three cases were reported. For the week January 5-12 115 cases occurred; from the 12-17 thirty cases were reported; from the 17-24 twenty-nine cases were reported, and during the last week of the month fourteen cases were reported. During the month of February the number reached that usually prevalent, except for other cases already existing in the same household. This epidemic therefore reached its height during the week of January 5-12. Careful inquiry made by a visit to each infected household showed that ninety-two per cent. of the cases obtained milk from one dealer, but a study of this milkman's business carried on with the assistance of the inspector of milk failed to show the exact source of infection. From the sudden onset of the cases and its rapid decline it can be almost definitely stated that infection was only of limited extent, perhaps not more than a single day, and from four cases, in which it is definitely known that infection could have taken place on only one day, January 6, we must conclude that it was this day's milk which became infected. These four cases also give some information upon the incubation period of the disease, for in three of them the symptoms developed on the third day, and in the other on the fourth day of this period. For the remainder of the year no unusual number of cases occurred. Every case has been inspected, before the house was fumigated, and 427 visits were made at residences to determine when desquamation was complete.

Diphtheria. During the year 194 cases of diphtheria have been reported in the city, a marked decrease from the previous year, when 236 cases were reported. The same restrictions are placed upon all cases, and before patients are released from quarantine, two successive negative cultures must be obtained. It is optional with the attending physician to take the first culture, but the second must be taken by the medical inspector, and during the year 326 visits were made at houses for this purpose, and a total of 481 cultures taken.

Typhoid Fever. During the year ninety-one cases of this disease were reported, the greater number in any one month appearing in October, when forty-three cases occurred. From August 8-31 only one case was reported; from September 1-22, seven cases, and during the last week of this month eleven cases occurred. Upon investigation of the fifty-four cases developing between September 22 and October 31 it was learned that eight of them had probably contracted the disease while away on their summer vacation, for symptoms of the disease showed soon after their return; in four cases no definite information could be obtained, and of the remaining forty-two cases, thirty-seven of them obtained milk from one dealer. With the assistance of the inspector of milk, the investigation was carried to the farms where the milk was produced, but no source of infection could be discovered. Attention was then directed to the milk route itself, and it was found that the milk dealer was taking away bottles from two houses where the disease already existed, and where it was possible from the conditions for those bottles to have become infected.

Tuberculosis. Eighty-three cases of tuberculosis were reported during the year, an increase of twenty-five over the year previous. In November, following a conference with the overseers of the poor, these cases which had been previously cared for medically by the city physician were transferred to the board of health and the medical inspector instructed to care for them, since which time thirty-three visits have been made to them.

Smallpox. One case of this disease was reported upon October 21, the patient having recently arrived from Prince Edward Island, where her sister was ill with the disease apparently unrecognized, and no restrictions placed on the family. Upon the discovery of the case, the smallpox hospital was opened, the patient transferred to it, where she remained until recovery. Many persons were exposed to her, as she traveled in an electric car after the eruption appeared, but no other cases developed from it. She had never been vaccinated.

Contagious Disease Hospital.

In September, 1906, following a change in the city charter, the city physician, who, up to this time, had treated the cases at the hospital, was relieved of this duty, and the care of the patients transferred to the medical inspector on October 1. During 1907 this arrangement has continued, 377 visits having been made at the hospital during the year.

Scarlet Fever. During the year ninety-five cases of scarlet fever were admitted, seven of which proved fatal. Thirty-seven of these cases were among males, and fifty-eight among females. Twenty-seven were under five years of age, thirty-one from five

to ten years, and the remainder were over ten years. Vomiting was a constant symptom, it occurring in fifty-one cases, and a sore throat in sixty-nine cases. In twenty-one cases the rash occurred on the first day of the illness, in sixty-three cases on the second day, and in five instances on the third day. There was membrane present on the tonsils in thirty-one cases; in twelve cases the disease was complicated with nephritis, and in eight cases with rheumatism. One mastoid operation was performed.

Of the deaths, all were complicated with nephritis, and in addition four had diphtheria.

Diphtheria. During the year fifty-one cases of diphtheria were admitted, six of which proved fatal. In order to make the records complete, however, the cases dating from October 1, 1906, are included, making a total of sixty-seven cases in fifteen months, with eight deaths. Of these patients, thirty-four were among males, and thirty-three among females. Seventeen were under five years of age; twenty were from five to ten, and the remainder were over ten. Sixteen entered the hospital on the first day of their illness, and all recovered. Twenty entered the second day of the illness and three died; two on the third day with one death; six on the fourth day with no deaths; six on the fifth day with no deaths, and three on the seventh day, all of whom died. The importance of early treatment with antitoxin is thus very obvious. Of the laryngeal cases one had been ill one day, four for two days, two for three days with one death, one for four days, three for five days with one death, and three for seven days, all of whom died. In ten patients the membrane extended over both tonsils, uvula and palate, four of whom died from systemic infection involving both the heart and kidneys. In fifty-six cases the cultures were positive. The throat was clear of membrane in three cases on the first day, in twelve cases on the second, in thirteen cases on the third, in twelve cases on the fourth, in six cases on the fifth, in one on the sixth and seventh, and in four on the eighth day. In twenty-seven patients eruptions appeared on the body due to the use of the antitoxin, and in four patients joint pains occurred from the same cause. The average stay in the hospital of fifty-eight patients was fourteen days. The dose of the antitoxin varied from 4,000 to 48,000 units, depending upon the severity of the case, the largest aggregate dose being 60,000 units. Our best record was from November 9, 1906, to November 9, 1907, during which period forty-five consecutive cases were treated, with one death, that patient dying eight hours after admission. Of the six deaths during the year three died within nine hours of admission and were hopeless at that time. Two died on the sixth day, and the last on the sixteenth day, all being complicated with nephritis.

Sixteen cases of laryngeal diphtheria were treated, five of

whom died. Of these cases, one came to intubation and was discharged well. Of the deaths, two had recovered from the acute symptoms, the tube had been removed, but nephritis was fatal on the sixth day, and the other three all died within nine hours of admission. One case of diphtheria has developed among the attendants at the hospital, but we have yet to record a case of diphtheria developing among patients admitted for scarlet fever, or of scarlet fever among diphtheria patients.

Two patients were sent to the hospital as diphtheria, in which the diagnosis was syphilis, one case of measles was sent as scarlet fever, and one case of typhoid fever was sent as erysipelas. One patient with chicken pox was also treated.

Patients Treated at the Contagious Hospital.

Disease.	Remaining January 1, 1907.	Admission by Months. January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total admitted.	Cured.	Died.	Remaining January 1, 1908.	Percentage of Fatality.
Scarlet fever	3	31	13	2	5	6	2	3	5	8	7	11	2	95	84	7	7	7.1
Diphtheria	0	4	2	8	4	4	3	3	3	0	2	5	13	51	38	6	7	11.7
Erysipelas	..	..	..	..	..	..	..	..	..	..	1	..	..	1	1	..	..	..
Smallpox	..	..	..	..	..	..	..	..	..	..	1	..	..	1	1	..	..	..
Chicken pox	..	..	..	..	..	..	..	..	..	..	..	1	..	1	1	..	..	..
Measles	..	..	..	..	..	..	..	..	..	..	..	1	..	1	1	..	..	..
Totals	3	35	15	10	9	10	5	6	8	8	11	18	15	150	126	13	14	

Bacteriological Department.

During the year 1907, 971 examinations were made of cultures for the diphtheria organism, 227 examinations made of sputum from patients suspected of having tuberculosis, and 110 examinations to detect the Widal reaction in typhoid fever.

Diphtheria. Nine hundred and seventy-one cultures have been examined for diphtheria, 423 being in males, and 548 in females. Diphtheria being a disease of children, 224 of these examinations have been made in children under five years of age, 346 in those from five to ten years of age, 185 from ten to twenty, and 210 in adults over twenty years. In six cases the age of the patient was not stated. Four hundred and sixty-two examinations were made for the diagnosis of the case, 107 proving positive, and 445 negative. Of the positive results, forty-five were of cases in which the attending physician's diagnosis of diphtheria was confirmed, ten in which the clinical diagnosis was not diphtheria, and fifty-two in which no definite diagnosis was made. Of the 445 negative examinations, thirty-four were obtained in which the clinical diagnosis was diphtheria, 104 in which the diagnosis was not diphtheria, and 217 in which no diagnosis had been made.

Five hundred and six cultures were taken for release of patients from quarantine, ninety-eight of which were positive, and 408 negative. The importance of taking release cultures is demonstrated by these figures, these patients showing the presence of the bacilli in the throat after the clinical evidence of the disease had disappeared. In three examinations there was no growth upon the serum tube.

Tuberculosis. Two hundred and twenty-seven examinations have been made of sputum suspected of containing the tubercle bacillus, seven of which were positive and 220 negative. In eighty-three cases a definite diagnosis of this disease had been made by the attending physician, but in seventy-nine of them the organism could not be detected. In the remainder of the cases, eighty-six were stated as not showing evidence of the disease, two being positive, and in fifty-eight cases no statements were made giving information as to its character, one of which was positive. One hundred were males and one hundred and twenty-seven females. Although printed directions accompany each outfit, telling how the specimen should be obtained, it has not been unusual for specimens to be sent to the laboratory containing only saliva from the mouth, with no excretion from the lungs or bronchial tubes. Physicians should be urged to give definite instructions to each patient, relating to the collection of the sputum, for in some instances a negative report would mislead both physician and patient. Consumption to-day is recognized as an infectious disease, and all persons afflicted with it should be instructed in the modern methods for preventing its

spread. In some cases this is not done by the attending physician, and during the past four years your board has required that this disease be reported to you, as other infectious diseases are, and that printed instructions and advice be sent to each patient ill with the disease. The decrease in the death rate of consumption, and the cure of persons afflicted with it, is due to the improved and intelligent manner with which cases are treated, and the prevention of further spread of the disease is a subject which is of importance to all local boards of health.

Typhoid Fever. One hundred and ten examinations of the blood of patients suspected of having typhoid fever have been made, forty-five of which proved positive. In thirty-five cases a positive diagnosis of this disease had been made by the attending physician, in three cases it was stated not to be typhoid fever, and in the remainder no statement was made relating to the diagnosis. Of the negative results, ten were diagnosed as typhoid, three were said not to be typhoid, and in fifty-two no diagnosis was made. Fifty-eight were males and fifty-two females.

Summary for Five Years, 1903, 1904, 1905, 1906, 1907.

Diphtheria Cultures.

	No. Examined	Males	Females	0-5	5-10	10-20	Over 20	Age not stated	No. growth
1903	817	387	430	282	199	125	185	26	5
1904	1,429	629	800	537	400	231	261	34	29
1905	792	346	446	204	260	139	170	19	4
1906	968	407	561	282	370	158	152	6	6
1907	971	423	548	224	346	185	210	6	3

	For Diagnosis	Clinical Diagnosis Diph. Positive	Clinical Diagnosis Diph. Negative	Clin. Diag. not Diph. Positive	Clin. Diag. not Diph. Negative	Clin. Diag. not stated Positive	Clin. Diag. not stated Negative
1903	360	56	35	11	122	27	109
1904	406	72	37	11	96	59	131
1905	263	15	23	10	76	36	103
1906	419	55	60	14	130	47	107
1907	462	45	34	10	104	52	217

	For Release Positive	For Release Negative
1903	95	362
1904	233	761
1905	139	386
1906	85	464
1907	98	408

Sputum for Tuberculosis.

	No. Examined	Males	Females	Positive	Negative	Clin. Diag. Tuberculosis Positive	Clin. Diag. Tuberculosis Negative
1903	137	66	71	26	111	15	21
1904	124	54	70	28	96	14	29
1905	162	69	93	22	140	11	38
1906	175	95	80	9	166	7	44
1907	227	100	127	7	220	4	79

	Clinical Diagnosis not Tuberculosis		Clinical Diagnosis not stated	
	Positive	Negative	Positive	Negative
1903	9	61	2	29
1904	11	43	3	24
1905	5	59	6	43
1906	1	85	1	37
1907	2	84	1	57

Blood for Typhoid Fever.

						Clin. Diag. Typhoid Fever	
	No. Examined	Males	Females	Positive	Negative	Positive	Negative
1903	72	39	33	27	45	18	7
1904	76	53	23	32	44	18	4
1905	78	45	33	26	50	11	1
1906	94	57	37	24	70	14	15
1907	110	58	52	45	65	25	10

	Clin. Diag. not Typhoid Fever		Clin. Diag. not stated	
	Positive	Negative	Positive	Negative
1903	2	6	7	32
1904	0	6	14	34
1905	1	5	14	44
1906	0	8	10	47
1907	0	3	20	52

Respectfully submitted,

FRANK L. MORSE,

Medical Inspector.

REPORT OF INSPECTOR OF ANIMALS AND PROVISIONS.

OFFICE OF THE BOARD OF HEALTH, CITY HALL,
Somerville, Mass., January 7, 1908.

To the Board of Health of the City of Somerville:—

Gentlemen,—I herewith submit the report of the inspector of animals and provisions for the year 1907.

The following is a statement of the number of animals killed during the year at the five slaughtering establishments in the city:—

Swine, 1,181,148; sheep, 304,325; calves, 66,485; cattle, 26,504, and goats, 476. The work of the four large establishments, being under the inspection of the United States government, requires only the inspection of the premises by the local inspector, who reports very favorably on the same.

Somerville is still the leading city in slaughtering, east of Chicago, and is the largest quarantine station for the export of animals in the United States, the number exported last year being 108,341.

The total number of neat cattle kept in the city is 253, all of which have been inspected several times during the year.

There have been 1,963 horses examined in stables where contagious diseases were reported to exist, thirty-three being killed and five released.

One cow was killed for tuberculosis.

There have been 2,624 visits made to stores and markets, and 965 pedler's carts have been inspected from which fish, provisions, and produce were sold.

There are sixty-one barber shops and seventy-eight bakeries in the city, all of which have been frequently inspected, most of them being found in excellent condition.

I have inspected, condemned, and caused to be destroyed 213 whole haddock, 92 whole codfish, 63 pounds of salt cod, 2,057 herring, 81 pounds of halibut, 176 pounds of salmon, 123 whole pollock, 47 pounds of swordfish, 114 dozen smelts, 1 1-2 bushels of oysters, 2 1-2 gallons of oysters, 2 bushels of clams, 19 quarts of clams, 16 whole lobsters, 419 whole shad, 138 mackerel, 51 cups of raspberries, 17 quarts of blueberries, 27 baskets of grapes, 84 quarts of strawberries, 33 quarts of blackberries, 31 quarts of cranberries, 36 dozen lemons, 2 1-2 boxes of oranges, 3 1-2 barrels of apples, 61 pineapples, 16 watermelons, 23 crates of canteloupes, 84 dozen bananas, 6 barrels of squash, 5 bushels of onions, 4 bushels of turnips, 4 barrels of cabbage, 1 1-2 bushels of cauliflower, 14 crates of tomatoes, 1 bushel of tomatoes, 8 bushels of sweet potatoes, 19 bushels of white potatoes, 51

bunches of celery, 14 bushels of greens, 4 crates of cucumbers, 5 bushels of lettuce, 29 packages of cereals, 49 loaves of bread, 17 loaves of cake, 1 box of common crackers, 1-2 barrel common pickles, 4 kegs of pickles, 19 pounds of butter, 4 gallons of mixed pickles, 1 barrel of mixed pickles, 2 boxes of dates, 7 boxes of figs, 291 pounds of fresh beef, 436 pounds of corned beef, 812 pounds of fowl, 108 pounds of veal, 119 pounds of fresh pork, 87 pounds of salt pork, 138 pounds of mutton, 5 whole swine, 57 pounds of smoked pork, 5 whole livers, 197 pounds of chopped meat, and 1 1-2 kegs of pigs' feet.

In conjunction with the above, numerous other duties have been performed as required by your board, including the investigation of eleven cases of dogs suspected of having rabies, all of which have been properly attended to.

Respectfully submitted,

Dr. Charles M. Berry,
Inspector of Animals and Provisions.

REPORT OF INSPECTOR OF MILK AND VINEGAR.

OFFICE OF INSPECTOR OF MILK AND VINEGAR,
310 Broadway, Somerville, January 1, 1908.

To the Board of Health of the City of Somerville:—

Gentlemen,—I herewith submit my report for the year ending December 31, 1907.

Two epidemics of contagious diseases have occurred in the city during the year, and in both the source of infection seemed to be traceable to a contaminated milk supply. During the scarlet fever outbreak in January, I made about one hundred visits, and in my opinion the cause of the epidemic was infected milk. In September an outbreak of typhoid fever occurred, and as a result of fifty visits in the city and to the sources of supply of the milk affected, I believe the contamination of milk to have been the cause of the epidemic, although no definite source of infection could be discovered.

During the year I have issued 133 licenses to milk dealers, three to sell oleomargarine, twenty-nine to grocers to deliver milk on teams, and 136 registrations of stores for the sale of milk, making a total of 301. I have received and paid to the treasurer of the city $151.74, of which $150.50 was for licenses issued, and $1.24 for postage stamps.

I have made 103 visits of inspection to the stables and milk rooms of the dealers in the city, and have caused them to make many needed alterations and improvements. I have also inspected forty-nine farms in the towns of Concord, Billerica, Carlisle, and Waltham, where milk is produced for sale in Somerville; many things were found in the methods of milking, straining, cooling, and keeping the milk which were open to criticism, and I believe that more work along the line of keeping the milk pure at its source of supply will be of great benefit to our citizens.

The new regulation adopted by the board, requiring that milk be kept at a temperature not to exceed fifty degrees Farenheit, has been productive of good and is very generally complied with. Of 200 temperatures taken throughout the city, nearly all were found to be satisfactory, the instances of high temperature being practically all in stores.

I have collected and analyzed 791 samples of milk, sixty samples of vinegar, and thirteen samples of cream, making a total of 864.

Several complaints have been received from citizens as follows: Bloody milk, one; poor milk, two; dirty milk, one; typhoid, one; an analysis of one sample of milk was made at the request of a physician.

A microscope was purchased for the use of the inspector in

July, and 164 examinations of samples of milk for bacteria, pus, and dirt have been made. I consider the microscopic examination of milk to be a very important part of the work of this department. A new set of analytical balances has also been purchased this year; it is one of the finest made and sensitive to one-twentieth of a milligramme.

I hope to install the card index system for filing records next year.

The following cases were prosecuted in court:—

9 storekeepers, selling milk below the standard; each fined $10	$90 00
2 storekeepers, selling milk below the standard; each fined $5	10 00
1 farmer, who produces and brings his milk to a dealer; fined	20 00
1 milk dealer for diluting whole milk with skimmed milk; fined	25 00
1 keeper of a lunch room, milk below the standard; fined,	10 00
1 milk dealer; milk below the standard; fined	10 00
1 storekeeper for not registering; fined	10 00
1 milk dealer, second offence, fined	100 00
1 milk dealer, third offence, sentenced to 60 days in house of correction and fined (Jail sentence was suspended on condition that he would not again attempt to do business in Somerville.)	50 00
4 storekeepers found not guilty.	
1 storekeeper found guilty of second offence, but sentence suspended on condition that he will not attempt to sell milk again.	
1 case nol prossed.	
Amount of fines imposed by the courts	$325 00

In prosecuting the above cases I spent twenty days in the Somerville court and two days in the superior court.

I have made about 800 visits to stores for the purpose of inspecting their methods and facilities, and to explain the new regulations and statute laws.

The average daily consumption of milk is about 25,100 quarts, beside 400 quarts of cream and thirty-five quarts of fresh condensed milk. There has been a great improvement during the past year in the quality of, and the method of handling, the milk. We are indebted to the secretary of the state board of health for the vigorous inspection of the producing farms in and out of the state.

I desire to thank the board for the support given me in the enforcement of the laws.

The office of the inspector is open for the issuing of licenses and to receive the complaints of citizens from 8 A. M. to 10 P. M. every week day in the year.

Respectfully submitted,

JULIUS E. RICHARDSON, V. S.,

Inspector of Milk and Vinegar.

SUPPORT OF POOR DEPARTMENT.

Board of Overseers of the Poor.

EDWARD B. WEST, President.
ALBERT W. EDMANDS, Vice-president.
HERBERT E. MERRILL.

Committees.

ON FINANCE, INVESTIGATION AND RELIEF, AND CITY HOME. — Mr. West, Mr. Edmands and Mr. Merrill.

Secretary.

CORA F. LEWIS.

General Agent.

CHARLES C. FOLSOM.

City Physician.

C. CLARKE TOWLE, M. D.

Warden and Matron, City Home.

Mr. and Mrs. J. FOSTER COLQUHOUN.

Office.

City Hall Annex, Highland Avenue.

REPORT OF OVERSEERS OF THE POOR.

Somerville, Mass., December 31, 1907.

To His Honor, the Mayor, and the Board of Aldermen of the City of Somerville:—

Gentlemen,—In accordance with our usual custom, we beg leave to submit the following report for the year 1907:—

In the past year some important improvements and additions have been made at the city home. A more perfect system of heating has been put in, thereby saving, we think, some considerable expense for fuel. A new floor has been laid in the dining-room, and the house generally seems to be in first-class repair.

As our agent mentions in his report, the financial and business depressions of the last few months have added some twenty per cent. to the calls upon this department, and transfers from the state institution have added several to the inmates of the home. We hear of no cases of want which are not properly relieved when called to the attention of the board.

Upon the management of the affairs of our city in common with that of others some reflection has lately been cast. Certainly in this department we feel that there are few indications of useless or extravagant expenditure. To provide a pleasant and suitable home for our aged and helpless people and proper relief for all our deserving poor is and has been our sole aim. Our home, so far as regards original cost, attractiveness, and expense for maintenance, certainly compares most favorably with any similar institution in the state. In our agent, warden, and matron the city has most efficient and faithful servants, in whose hands her interests are most thoroughly guarded.

Very respectfully,

EDWARD B. WEST,
ALBERT W. EDMANDS,
HERBERT E. MERRILL,
Overseers of the Poor.

REPORT OF GENERAL AGENT.

Somerville, Mass., December 31, 1907.

To the Board of Overseers of the Poor, Somerville, Mass.:—

Gentlemen,—I herewith submit my report for the year 1907.

Business Good.

During a large part of the year business was good and working people were generally employed, so that we aided less families and less persons than in former years. There was quite a large number of families, however, that we were obliged to aid, owing to the fact that they did not have sufficient income for their support. In the most of these cases the head of the family had died, or was unable to provide for those dependent on him for support by reason of sickness. As in 1906, we aided a large number of widows, the most of them with large families.

Business Dull.

Late in the fall the financial depression caused many to lose their work, and as a consequence during November and December we were obliged to aid more families and to admit more to the city home than ever before during the same length of time. The expense was about twenty per cent. more in these two months than the corresponding months of 1906.

In Touch with the Poor.

We have tried to keep in touch with those who were destitute and needed assistance from the city. Many families, no doubt, have suffered rather than make their wants known. We believe, however, there has been as little suffering in this city as in any one of its size in the state.

Hospital.

We still find the hospital a very great help in dealing with the sick poor. If a maternity ward could be added, it would be a great blessing to some of the poorer people, as well as others, who would be glad to patronize the same.

City Home.

I can again testify to the wisdom of the city officials in establishing the city home when they did. We could hardly get along without it now.

City Physician.

The city physician, Dr. C. Clarke Towle, is doing faithful work among the poor, many having testified to this during the year.

Persons Aided.

Again I can say that the year just closed has been one of satisfaction because of the fact that we have been able to reach and aid directly or indirectly (including the work of the city physician) more than 2,000 persons, and by so doing we have prevented much distress and suffering, and have added to the comfort and happiness of many more.

Small Appropriations.

The appropriations for the care of the poor in this city are, we believe, smaller than those made in any other city in the commonwealth, according to the population, and yet I think the poor are looked after and made as comfortable here as in any part of the state. I think our neighbors from other cities and towns and the state officials will testify to this fact.

Self Supporting.

One of the chief aims of this office is to help each person and family aided to become self-supporting as soon as possible. This of course cannot always be accomplished, owing to the advanced age and infirmity of some of those aided; but in a great many cases, by investigating and keeping a close watch, we can help them to help themselves. By so doing they become self-respecting and self-reliant. In doing this we are sometimes obliged to be very firm, and in many cases positively refuse to continue aid when asked to do so; but we have learned that in the end this is the correct method, and the one adopted and taught by those who have had the most experience.

Gentlemen of the board, as in the past, I again thank you for uniform courtesies and help received from all of the members, the secretary and city physician, also from the warden and matron of the city home. The year just closed has surely been one of the most pleasant and satisfactory of the twenty-two years of my service in this department. The tables attached give detailed work of the department for the year.

Very respectfully,

C. C. Folsom,
General Agent.

Table No. 1.

FULL SUPPORT (DURING THE YEAR).

In our city home (men 28, women 13)	41
In our city home (men 18, women 9), December 31, 1907	27
In private families	2
In Somerville hospital	179
In hospitals for the sick in other towns and cities	51
In hospital for dipsomaniacs	6
In hospital for epileptics	6

Table No. 2.

PARTIAL SUPPORT (OUTDOOR RELIEF).

Families	208
Persons aided (not including hospital cases)	854
Burials	12
Permits to Tewksbury almshouse	16
Average expense to city for each (ambulance for several),	$2.52½

Table No. 3.

REIMBURSEMENTS.

Commonwealth of Massachusetts	$1,220 20
City of Beverly	32 86
" " Boston	1,092 67
" " Cambridge	573 72
" " Chelsea	110 65
" " Everett	5 25
" " Fall River	129 53
" " Gloucester	52 17
" " Haverhill	86 77
" " Lawrence	82 86
" " Malden	91 70
" " Marlboro	2 00
" " Medford	53 18
" " Newton	158 85
" " Salem	27 80
" " Springfield	133 61
" " Waltham	2 00
" " Woburn	111 21
" " Worcester	102 30
Town of Belmont	119 50
" " Boylston	66 25
" " Brookline	18 14
" " Harwich	3 00
" " Leominster	52 17
" " Middleboro	22 43
" " Stoneham	71 25
" " West Boylston	14 29
" " Westminster	13 00
" " Weston	35 00
" " Winchester	12 86
Relatives and individuals	129 27
	$4,626 49

Table No. 4.

SOMERVILLE HOSPITAL (PATIENTS ON CITY BEDS).

Patients having settlement in Somerville	61
Patients having settlement in other cities or towns	39
Patients having no settlement (chargeable to state)	79
Total number of patients sent to hospital	179
Money paid hospital by the city for patients settled in Somerville	$5,000 00
Amount reimbursed to the city and paid to the hospital for patients not settled in Somerville	2,054 24
Total paid to the hospital	$7,054 24

Table No. 5.

POPULATION AND GROSS EXPENDITURES, 1883 TO 1907, INCLUSIVE.

Year.	Population (Estimated).		Expenditures.
1883	27,000		$15,959 80
1884	28,000		17,272 52
1885	*29,992		16,430 32
1886	32,000		14,341 83
1887	34,000		13,430 89
1888	36,000		13,375 98
1889	39,000		14,610 92
1890	*40,117		15,261 14
1891	43,000		15,980 49
1892	46,000		17,015 30
1893	48,000		17,799 58
1894	50,000		19,733 13
1895	*52,200		20,755 46
1896	54,000		21,999 79
1897	56,000		25,681 47
1898	57,500		28,522 21
1899	60,000		28,924 39
1900	*61,643	Miscellaneous, $23,697.62 City home, 5,528.83	29,226 45
1901	62,500	Miscellaneous, $29,171.15 City home, 6,622.43	35,793 58
1902	63,500	Miscellaneous, $28,667.04 City home, 7,396.64	36,063 68
1903	65,500	Miscellaneous, $30,470.20 City home, 7,548.39	38,018 59
1904	69,500	Miscellaneous, $20,476.54 City home, 6,563.11	27,039 65
1905	*69,272	Miscellaneous, $17,527.88 City home, 7,474.36	25,002 24
1906	72,000	Miscellaneous, $18,237.53 City home, 6,806.79	25,044 32
1907	74,000	Miscellaneous, $17,852.20 City home, $7,001.23	24,853.43

*Census.

Table No. 6.

EXPENDITURES, IN DETAIL, FOR THE YEAR 1907.

1907.	Dry Goods.	Board.	Groceries.	Somerville Poor in Other Cities and Towns	Boots and Shoes.	Medicine.	Burials.	Salaries.	Fuel.	Sundries.	Cash Paid Out.	Telephone.	Stationery and Printing.	Somerville Hospital.	State Hospital.	Foxboro State Hospital.	Feeble-minded School.	Epileptic Hospital and Rutland Sanatorium.	Total.
January		$88 36	$710 44	$207 14	$18 25	$19 88	$30 00	$291 66	$170 94	$744 00	$19 20	$17 80	$23 45		$99 04	$78 93		$205 71	$2,724 80
February		65 43	402 76	42 80		20 90	65 00	291 66	3 62	13 90	15 34							1 14	922 55
March		55 72	526 71		1 25	26 70	15 00	291 66	240 43	4 00	9 10	11 87						228 89	1,411 33
April		80 16	388 52	317 87	11 65	32 90		291 66	10 43	6 40	9 15		5 00	$533 32	74 46				1,761 52
May		48 72	387 30	73 21		20 78		291 66	2 00	6 00	20 44	16 94		133 33		18 11		152 29	1,170 78
June		73 16	270 34			21 04	35 00	291 66		2 00	11 25		7 50	133 33					845 28
July		48 72	243 00	44 49		7 32		291 66			9 70	17 28	7 50	133 33		18 57	$1,693 09		2,514 66
August		48 72	375 00	722 42	10 65	26 39		291 66			8 70		2 63	133 33	55 54		256 26	15 15	1,946 45
September	$1 50	73 16	302 00	2 86		7 90		316 99		1 00	6 57		4 00	133 33		5 11		222 14	1,076 56
October		48 72	278 50	392 87		20 61		305 66	6 88		9 71	23 98		133 33	21 43	38 07			1,279 76
November	11 15	47 16	364 00	47 14	2 50	5 00	10 00	291 66			3 95			133 33		48 75			964 64
December		48 72	50 00		3 00		15 00	291 74	189 35		14 55			587 61		33 90			1,233 87
Totals	$12 65	$726 75	$4,298 57	$1,850 80	$47 30	$209 42	$170 00	$3,539 33	$623 65	$777 30	$137 66	$87 87	$50 08	$2,054 24	$250 47	$241 44	$1,949 35	$825 32	$17,852 20

Overseers of the Poor of Somerville.

SINCE THE REORGANIZATION IN 1885.

†Hon. Mark F. Burns, chairman ex-officio	1885		1888	inclusive
†Colonel Herbert E. Hill	1885		1889	"
†Charles S. Lincoln, Esq., chairman	1885		1887	"
Hon. Edward Glines	1885		1887	"
†Charles G. Brett (president 1888-1892)	1885	April	1893	"
Edward B. West (president May, 1894, to date)	1888	to	date*	"
†Daniel C. Stillson	1888	April	1892	"
†Hon. Charles G. Pope, chairman ex-officio	1889		1891	"
Nathan H. Reed (president 1893 to April, 1894)	1890	April	1894	"
†Hon. William H. Hodgkins, chairman ex-officio	1892		1895	"
James G. Hinckley	May 1892		1894	"
Albert W. Edmands	May 1893	to	date*	"
Herbert E. Merrill	May 1894	to	date*	"
†Ezra D. Souther	1895	Feb.	1898	(Died)
Hon. Albion A. Perry, chairman ex-officio	1896		1898	inclusive
James H. Butler	March 1898		1899	"
Hon. George O. Proctor, chairman ex-officio,	1899			

*Present member.
†Deceased.

Table No. 7.

RECAPITULATION (MISCELLANEOUS).

Appropriation	$14,000 00	
Reimbursements	4,626 49	
Total receipts		$18,626 49
Total expenditures		17,852 20
Balance		$774 29
Net expenditures		$13,225 71

REPORT OF WARDEN OF CITY HOME.

City Home, January 1, 1908.

To the Overseers of the Poor, Somerville, Mass.:—

Gentlemen,—I submit the following as the report of the warden of the city home for the year ending December 31, 1907:—

Table No. 1.

REIMBURSEMENTS.

Produce and pork sold	$3,452 12	
Board of sundry persons	340 00	
		$3,792 12

Table No. 2.

LIVING EXPENSES.

Salaries and wages	$2,554 93	
Groceries and provisions	1,770 99	
Dry goods	194 37	
Boots and shoes	51 35	
Hay and grain	607 14	
Seeds and fertilizer	113 68	
House furnishings	25 95	
Kitchen furnishings	54 26	
Sundries	145 21	
Farm sundries	267 64	
Cash paid by warden, car fares for warden, inmates and laborers	36 35	
Medicine	66 02	
Shoeing horses	45 35	
Repairs on wagons and tools	107 40	
Repairs on sash	7 34	
General repairs	26 49	
Swill and bedding	246 79	
New tools	95 90	
Live stock	99 00	
Telephone	56 51	
		$6,572 67
Credits:—		
Produce and pork sold	$3,452 12	
Board of sundry persons	340 00	
		3,792 12
Net living expenses		$2,780 55

Table No. 3.

Number weeks' board of inmates	1,296 3-7
Number of males admitted during 1907	20
Number of females admitted during 1907	6
Number of males discharged during 1907	12
Number of females discharged during 1907	2

Number of males supported during 1907	29
Number of females supported during 1907	14
Number of males died during 1907	3
Number of females died during 1907	3
Number of inmates in home December 31, 1907	27

Table No. 4.

FARM ACCOUNT.

REIMBURSEMENTS.

Produce and pork sold	$3,452 12	
Produce used at city home	312 78	
		$3,764 90

EXPENSES.

Wages for help	$1,149 44	
Feed for one horse	151 79	
Shoeing one horse	15 02	
Repairs on wagon and tools	107 40	
Repairs on sash	7 34	
Swill and bedding	246 79	
Farm sundries	267 64	
Seed and fertilizer	113 68	
		2,059 10
Balance		$1,705 80

Table No. 5.

PERMANENT REPAIRS AND FIXTURES.

Laying 618 feet water pipe	$373 33	
Repairs on piggery	43 33	
Brick, lime, and cement	11 90	
		$428 56
Living expenses		6,572 67
Total expenses		$7,001 23

Table No. 6.

RECAPITULATION.

Appropriation	$2,500 00	
Reimbursements	3,792 12	
Net expenditures	3,209 11	
Total expenditures		$7,001 23
Total receipts		6,292 12
Account overdrawn		$709 11

Respectfully submitted,

J. Foster Colquhoun,

Warden.

REPORT OF THE CITY PHYSICIAN.

OFFICE OF CITY PHYSICIAN,
Somerville, January 1, 1908.

To His Honor, the Mayor, and the Board of Aldermen:—

Gentlemen,—I beg to submit the following summary as representing the work of your city physician for 1907:—

House visits	1,822
Office consultations	1,082
Visits at city home	33
Attended at police station	54
Vaccinations	190
Confinements	24
Examinations for legal department	12

Very respectfully,

C. CLARKE TOWLE,

City Physician.

REPORT OF THE CITY ENGINEER.

OFFICE OF THE CITY ENGINEER,
CITY HALL, SOMERVILLE, JANUARY 20, 1908.

To His Honor, the Mayor, and the Board of Aldermen:—

Gentlemen,—In accordance with the provisions of the city charter, the following report of the work done and expense incurred for the year ending December 31, 1907, by the departments and appropriations under my charge and supervision, including Engineering, Grade Crossings, Sewers Construction, Sewers Maintenance, Public Grounds, and other public works, is herewith presented.

ENGINEERING DEPARTMENT.

Statement of Expenses, 1907.

Salary of City Engineer	$3,000 00	
Salaries of assistants (see itemized statement)	7,733 29	
Stakes, tools, and general supplies (outside work)	66 08	
Draughting materials and office supplies (inside work)	150 99	
City maps	48 00	
City fares	250 75	
Maintenance of team.	173 90	
Telephone, postage, and incidentals	120 87	
Total debit		$11,543 88
CREDIT.		
Appropriation	$11,500 00	
Amount received for making acceptance plans	45 00	
Total credit		$11,545 00
Balance unexpended		$1 12

Classification of Expenses, Assistants' Salaries.

Sewers,—comprising surveys, estimates, profiles, lines, grades, titles, plans, assessments, and all engineering work relating to sewers	$2,014 26
Highways,—comprising plans, estimates, titles, profiles, lines and grades, inspection of paving, and all other engineering relating to the department	626 53
Sidewalks,—comprising profiles, lines, grades, measurements, titles, costs, and assessments	1,190 12
Water Works,—comprising lines, grades, locations of mains, gates, hydrants, and services, and other matters relating to water department	322 48
Public Grounds,—comprising surveys, plans, estimates, profiles, and grades, including laying out of parks, and grounds, and boulevards	102 78
Public Buildings,—comprising surveys, estimates, lines and grades, and other work relating to construction	40 48
Street Numbering,—comprising locations of buildings, plans, and affixing street numbers on houses	321 98
Street Lines and Grades,—comprising establishing of lines, grades, and miscellaneous data given parties for building and grading	138 11
City Survey,—comprising establishing of street lines, acceptance plans, and miscellaneous survey work for city map, bridges, etc.	926 45
Middlesex Registry,—comprising copying of plans and abstracts from deeds and examination of titles filed at East Cambridge, also tracings of street acceptance and sewer taking plans filed for record	282 54
Railway, Telephone, Electric Light, and Gas Light Companies,—comprising grades, plans, profiles and office notes, locations of poles and conduits	72 61
Stone Bounds,—locating and setting	95 50
Office Work,—comprising records of all locations, indexing, typewriting, calculations, and general draughting,	928 96
Miscellaneous Work,—comprising preliminary surveys, designs, sketches, etc., relating to various schemes for different committees	52 33
Vacations, Holidays, and Sickness	618 16
Total	$7,733 29

Grade Crossings Account.

STATEMENT OF EXPENSES, 1907.

Legal services (City Solicitor)	$200 00	
Consulting engineer's services	200 00	
Printing, advertising, etc.	143 31	
		$543 31

CREDIT.

Balance of appropriaton unexpended December 31, 1906,	$373 51
Overdrawn	$169 80

Office Records and Value of Instruments.

Number of survey note-books, sewer permit books, and deed books, two hundred and sixty-five.
Number of plans, including sewers, highways, parks, house lots, etc., six thousand.
Value of field instruments, tools, and office instruments, $2,000

The total cost of maintaining the city engineer's department since it was established (1872-1907, both years inclusive) has amounted to $248,791.03.

General Work. The number of assistants employed during the year on engineering work varied from eight to eleven.

The department has made designs, plans, estimates of cost of contemplated and completed public works, etc., as required by various orders of the board of aldermen and committees. All survey notes, records, and plans made of sewers, drains, highway work, water works, grade crossing work, etc., have been filed for future reference.

All plans of estates in Somerville recorded at the Registry of Deeds, East Cambridge, have been copied, titles examined, and abstracts from deeds made for the purpose of assessments, and the proportional part of the cost of new work computed, and schedules of assessments made out showing the property owners; and copies made of all city plans where land has been taken for highways or sewers, and these have been filed and recorded at the Registry, East Cambridge, as required by law.

Plans have been made and photographs taken where accidents have occurred on the city work or where boundaries were in dispute, for the use of the city solicitor in court cases and hearings; and special plans and data prepared for hearings relating to the proposed bridges and approaches on Lowell street, over the Southern division, and the abolition of all grade crossings on the Fitchburg division of the Boston & Maine railroad.

A number of street names have been changed and plans made showing a re-numbering of the buildings, and all old numbering plans revised, new houses plotted, and numbers assigned; some of the old main thoroughfares should be re-numbered throughout their entire length, so as to eliminate half numbers and letters now being used, as many of these old streets have outgrown their original numbering.

There are many streets, avenues, courts, and places in the city of the same or very similar name, which should be changed to prevent the confusion and inconvenience now existing.

Stone monuments have been set at a number of street intersections and angles to define and preserve the true lines of public streets, and this work should be continued as much as possible each year. By setting these stone bounds or monuments, in Portland cement concrete, at the level of the surface of the ground, or flush with the surface of the sidewalk, they can also

be used as permanent "Bench Marks" throughout the city by establishing their exact elevations, and thereby being a great convenience and saving of time in giving grades, not only for the city engineering department, but also for all other surveyors.

Lines and grades have been given for the erection of new city buildings, and plans and sketches made for the laying out of the surrounding grounds.

About one hundred and five street lines and grades have been given by the department during the year for builders and private parties applying for established grades and lines in connection with the erection of buildings and fences and grading of property.

A table has been made to be used by various city departments, showing subdivision of the city's acreage, as follows:—

Land and water, total area in city			2,700 acres
	Water	100 acres	
	Marsh lands	138.5 "	
	Streets	499.35 "	
	Steam railroads	96.15 "	
	Parks and playgrounds	60 "	
(24)	Schoolhouse lots	13.40 "	
(8)	Fire station lots	2.45 "	
	Miscellaneous city buildings and lots	29.30 "	
(37)	Church lots	18.20 "	
	9 large manufacturing plants	52.65 "	
	Vacant college land	56 "	
	Large tracts vacant land	164.50 "	
			1,230.50 acres
Approximate area built upon (not wholly covered)			1,469.5 acres

Approximate number of dwellings in city, 12,000.
Average area to a dwelling about 5,000 square feet.

Plans have been made by the Edison Electric Illuminating company, of Boston, the New England Telephone and Telegraph company, West End street railway company, Charlestown Gas and Electric company, and Cambridge Gas Light company, and filed in this office, showing the various locations of poles, tracks, and conduits in this city which have been granted by the board of aldermen during the year; and work has been continued under a special act of the legislature, with reference to the city of Somerville, passed in April, 1905, whereby the electric light and telephone companies are placing their overhead wires in conduits underground in certain specified streets, and removing all poles from these streets.

The telephone and electric light companies have extended their underground conduits in Broadway during the year 6,061 feet (Rogers avenue to North street), and 1,827 feet (Fenwick street to Partridge avenue), respectively, making a total of underground conduits in the city January 1, 1908, belonging to the

New England Telephone and Telegraph company 13.27 miles, and the Edison Electric Illuminating company, 1.45 miles.

The Boston Elevated Railway company have also placed their power wires in underground conduits on Broadway (Boston line to Grant street), a length of 4,500 feet.

The Charlestown Gas and Electric company have laid 1.34 miles of gas mains and the Cambridge Gas Light company have laid 1.94 miles of gas mains in various streets in the city during the year.

Lines and grades have been given for laying 4,163.8 linear feet of new city water mains varying in size from six inches to twelve inches in diameter. Two hundred and thirty-seven house services, twenty-eight gates, five hydrants, and five water posts have been located and recorded, sketches and plans made showing the same, and the large water works map corrected to date.

Eighty-one services were re-located, principally on account of new permanent pavement being laid in certain streets where it was advisable to place an extra water pipe in the sidewalks. The trench work on the extension of water mains the past year has been done by the water department by day labor at a considerably increased cost to the city. The greater part of this work should be done by contract with the lowest bidder.

During the year the engineering department has made plans and established grades for the acceptance, under the betterment act, of fourteen new public streets, a total length of 1.73 miles; copies of these plans have been made and filed at the Middlesex Registry at East Cambridge, as required by law.

Five plans have been made of private streets for acceptance as public streets during the year, as ordered, but not as yet made public, and there are plans for acceptance of nine other private streets, previously made, on file in the office that, for various reasons, are still unaccepted as public ways.

Six streets have been constructed during the year, a length of two thousand nine hundred twenty-six feet, at a cost of $3,272.02, where betterment assessments have been levied on the abutting property amounting to $1,743.00.

The total length of public streets in the city is 72.954 miles, and private streets, 21.506 miles.

Lines and grades have been given for setting thirteen thousand seven hundred ninety-one and three-tenths linear feet (2.61 miles) of new edgestone and the re-setting of eight thousand seven hundred sixty-two and four-tenths feet (1.66 miles) of old edgestone, and measurements taken for computing assessments; the total length of edgestone set being less than the previous year by about two thousand and eighty-six feet.

Seven thousand two hundred and seventy-eight and eight-tenths square yards of new brick sidewalks and seven thousand two hundred eleven and one-tenth square yards of granolithic

and tar concrete sidewalks have been laid (about 4.18 miles in length), and three thousand and seventy-seven and three-tenths square yards of old brick sidewalks re-laid; the total yardage laid being less than the previous year by about two thousand three hundred and sixty-four yards.

The average cost for the year of setting edgestone with gravel sidewalk has been one dollar and four cents per linear foot, and laying brick sidewalks one dollar and five cents per square yard, which is in excess of the previous year on account of a slight increased cost of materials and labor.

Four thousand six hundred ninety-three and four-tenths square yards of new paved gutters have been laid, and five hundred ninety-one and eight-tenths square yards of new vitrified brick and granite crossings and driveways constructed; two thousand five hundred and four and six-tenths square yards of old gutters, driveways, and crossings have been re-laid, all requiring lines, grades, and measurements.

(See tables in this report for cost of new work, 1907, and total lengths of sidewalks constructed in the city to date.)

Streets Accepted as Public Highways in 1907 under the Betterment Act.

Name of Street.	Ward.	From	To	Width in Feet.	Length in Feet.	Date of Acceptance.
Alpine	5	Cedar st.	Southeasterly	30	667	Sept. 13
Appleton	7	Clifton st.	Liberty ave.	40	120	Jan. 3, 1908
Autumn	4	Broadway	Bonair st.	20	408	Dec. 27
Bay State ave.	7	Broadway	Fosket st.	40	1,237	Oct. 25
Boston ave.	6	Broadway	Highland rd.	65	287	Sept. 13
Boston ave.	6	Highland rd.	Pritchard ave.	50	509	Sept. 13
Concord ave.	2	Beacon st.	Wyatt st.	30	472	Dec. 27
Granite	3	Somerville ave.	Osgood st.	40	411	June 14
*Highland rd.	6	Morrison ave.	Boston ave.	30	1,499	Nov. 15
Howard	7	Thorndike st.	Gorham st.	40	431	May 10
Lexington ave.	6	Hancock st.	Angle	45 to 40	147	July 26
Lexington ave.	6	Angle	Cedar st.	40	578	July 26
Liberty ave.	7	Appleton st.	Hall ave.	40	98	Jan. 3, 1908
Lowden ave.	7	Broadway	Fosket st	40	1,247	Sept. 13
Mystic	1	Mystic ave.	Benedict st.	40	336	Dec. 27
Vine	2	Beacon st.	Hanson st.	30	662	Oct. 25
Total			(1.725 miles)	..	9,109	

*Roadway (only) accepted 30 feet wide, full width of street 70 feet.

Table Showing Sidewalks Constructed (not exceeding one-half cost assessed on abutters) and Paved Gutters Laid in Connection Therewith in 1907.

Street.	Ward.	Side.	From	To	Width of Sidewalk in Feet.	Materials.		Total Cost.	Paved Gutters.	
						Gravel and Edgestone. Lineal Feet.	Bricks. Sq. Yards.		Sq. Yards.	Cost.
*Bartlett	5	Both	Broadway	Medford st.	6.67	.....	991.5	$1,390 00	.....	.....
Beacon	6	Easterly	Estate No. 289 and 291	.....	11.00	...	39.6	36 32	.....	.....
Billingham	7	Southeasterly	Kenwood st.	Broadway	6.67	.....	72.4	87 69	.....	.....
Boston ave.	6	Westerly	Rogers ave.	Pritchard ave.	10.50 8.33	707.7	.....	686 01	235.9	473 36
*Broadway	6	Southwesterly	Boston ave.	B. & M. R. R. Southern Div.	10.00 to 13.30	243.1	243.9	601 21	81.0	168 67
*Broadway	5	Northeasterly	Corner Dexter st.	.....	8.33 to 15.00	.....	178.8	253 90	.....	.....
Cedar	6	Northwesterly	Highland ave.	Spencer ave.	6.67	.....	138.0	147 60	.....	.....
Cedar	6	Northwesterly	Spencer ave.	Lexington ave.	6.67	187.0	.....	200 24	62.3	133 15
Central	6	Northwesterly	Corner Cleveland st.	.....	7.00	.....	46.2	46 63	.....	.....
Columbus ave.	3	Southwesterly	Estate No. 32 and 34	.....	6.67	.....	32.1	30 50	.....	.....
Concord ave.	2	Northerly Southerly	Prospect st. Prospect st.	Concord sq. Leon st.	6.67	.....	1,416.8	1,440 71	.....	.....
*Curtis	7	Northwesterly	Fairmount ave	Near Broadway	6.67	.....	137.3	194 97	.....	.....
*Curtis	7	Northwesterly	Estate No. 42	.....	6.67	.....	64.0	90 88	.....	.....
Dickinson	2	Both	Springfield st.	Beacon st.	6.67	.....	997.2	1,175 58	.....	.....
Fosket	7	Both	Willow ave.	Liberty ave.	6.67	1,354.5	.....	1,852 70	451.5	856 35
Giles park	3	Both	Walnut st.	To end of street.	5.00	338.2	168.5	542 95	112.8	205 55
*Glenwood road	5	Northwesterly	Broadway	Medford st.	6.67	.....	401.4	569 99	.....	.....
Hamlet	3	Both	Highland ave.	To end of street	5.00	919.8	.....	960 59	306 6	536 25
Hancock	6	Southeasterly	Elm st.	Summer st.	6 67	.....	542.6	549 57	.....	.....
*Highland ave.	4	Northeasterly	In front of City Hall.	.....	10.00	.....	120.5	201 11	.....	.....
Hinckley st.	5	Both	Broadway	Richardson st.	5.00	1,138.1	.....	1,035.49	379.3	753 86
*Josephine ave.	6	Both	Morrison ave.	Frederick ave.	7.50	5 granolithic w'k 2.5 sod	813.7	1,310 15	.....	.....
*Kenwood	7	Both	College ave.	Billingham st.	6.67	.....	443.6	629 91	.....	.....
Lake	2	Northeasterly (edgestone) Both	Hawkins st. Hawkins st.	Church st. Church st.	6.67 6.67	737.5	.....	.....	245.8	388 80
							1,190.6	1,852 30	.....	.....
Lowell	6	Southeasterly	Front of playgrounds.	.....	6.00 to 6.67	98.0	.....	97 43	32.7	53 04
Medford	5	Westerly	Bartlett st.	Magoun sq.	9.16	.....	882.3	858 52	.....	.....
Medford	1	Easterly	Somerville ave.	Fitchburg R. R.	8.33	.....	413.7	438 80	.....	.....
Medford and South	2	Southwest corner	Medford st. No. 20 and 22 and	South st. No. 2 and 4.	8.33 5.00	.....	50.4	59 39	.....	.....
*Munroe	3	Northerly	Prospect Hill ave.	No. 21 inclusive	10.00	6gr'n'th'c w'k, 4sod. 180.2	136.0	425 72	60.1	138 06
Nashua	5	Both	Richardson st.	B. & M. R. R.	5.83	1,161.9	.....	1,139 24	387.3	671 85
†*Oxford	3	Northerly	Central st.	Trull lane.	7.00 to 12.00	4.5 gran'lithic w'k 4.0 sod	315.2	589 79	.....	.....
Packard ave.	7	Northwesterly	Broadway	Professors row	10.00	1,559.4	.....	1,613 52	616.1	1,289 04
*Park ave.	7	Northeasterly	Chandler st.	Wallace st.	6.67	.....	120.5	171 11	.....	.....
Partridge ave.	5	Southeasterly	Broadway	Medford st.	6.67	.....	336.9	362 13	.....	.....
Perry	2	Easterly Westerly	Washington Washington	Lincoln park. No. 25 inclusive	6.67	.....	497.6	529 12	.....	.....
Perry	2	Easterly	Lincoln park (Northerly end)	Along Lincoln parkway to Wyatt st.	6.67 and 6.00	30.1	210.7	282 78	10.0	11 25
*Pritchard ave.	6	Northwesterly	No. 30	No. 40 inclusive	6.67	.....	87.2	123 82	.....	.....
*Rogers ave.	6	Northwesterly	Morrison ave.	Frederick ave.	7.50	5 granolithic w'k 2.5 sod.	430 0	664 65	.....	.....
*Rogers ave.	6	Northwesterly	In front of estates No. 54 and 58.	.....	7.50	5 granolithic w'k 2.5 sod	53.2	82 64	.....	.....
Summer	6	Southwesterly.	Hancock st.	Burnside ave.	7.50	.....	118.5	117 35	.....	.....
Summit	7	Northeasterly	In front of estate of Stephen H. Murphy	.....	6.67	.....	59.5	57 15	.....	.....
Temple st.	4	Southeasterly	Jaques st.	Derby st.	11.00	236.0	.....	241 73	78.7	197 10
Thorpe place.	3	Both	Highland ave.	To end of street.	5.00	915.9	.....	934 45	305.3	589 37
Vernon	5	Both	Central st.	Lowell st.	5.00 to 6.67	2,342.4	.....	2,279 77	780.8	1,423 04
Willow ave.	7	Northwesterly	Broadway	Morrison ave.	8.33	1,641.5	.....	1,723 36	547.2	1,106 75
Windsor road	6	Both	Willow ave.	Hancock st.	6.67	.....	779.8	1,107 32	.....	.....
						13,791.3	12,530.2	$29,786 79	4,693.4	$8,995 49

Total assessment . . $14,894.39 Net cost to city . . $14,894.40

Amount of edgestone and brick sidewalk, including granolithic and tar, in front of private estates 1,959.7

Totals. (Gravel sidewalks, 2.322 miles. Brick, granolithic, and tar sidewalks, 4.18 miles.)

* Granolithic. † Includes cost of steps in front of four estates.

Length of Public Streets in Each Ward.

	Miles.
Ward one	9.354
Ward two	8.167
Ward three	7.448
Ward four	9.225
Ward five	11.182
Ward six	12.163
Ward seven	15.415
Total length of public streets in the city	72.954

Miles of Edgestone, Brick Sidewalk and Gravel Sidewalk, in Each Ward.

	Edgestone.	Brick Sidewalk.	Gravel Sidewalk.
Ward one	16.761	12.304	4.457
Ward two	12.902	5.933	6.969
Ward three	13.472	11.915	1.557
Ward four	13.385	9.738	3.647
Ward five	17.673	11.167	6.506
Ward six	20.281	14.274	6.007
Ward seven	19.081	10.258	8.823
Total miles in the city	113.555	*75.589	37.966

*Includes 7.95 miles granolithic and tar concrete walk.

Table of Street Construction.

	Square Yards.	Miles
*Streets paved with granite blocks	66,300	2.73
Streets paved with "Hassam" pavement	36,802	1.80
Streets paved with asphalt	10,410	0.73
Streets paved with vitrified brick (Davis Square)	5,640	0.20
Streets paved with "bitulithic"	14,689	0.88
**Streets macadamized		65.35
Streets graveled or unimproved		22.77
Total		94.46

*Also 31.8 miles (single track) electric railway, paved with granite, asphalt, "bitulithic."

**Includes 2.84 miles boulevard.

Lines, grades, and measurements have been given and miscellaneous work done for paving with "Hassam Pavement," by contract, a portion of Medford street, extending from Central square to Highland avenue; Central square and Cross street, between Tufts street and Central square; and the entire width of Broadway, extending from near Cutter street to Cross street and on the southwesterly half of Broadway from Cross street to the northwesterly line of Fellsway (east) extended; and a strip in front of the City Hall one-half the width of Highland avenue.

The space occupied by the street railway tracks was not paved with the new pavement, but left with the old granite block pavement.

Simpson Brothers corporation, of Boston, were the contractors, laying this new pavement (without guarantee) for $1.65 per square yard, the city re-setting all edgestone, re-laying all sidewalks, crossings, and making all other necessary alterations to complete the work at the following cost:—

Location.	Length in Feet.	"Hassam Pavement" Square Yards.	Total Cost. Contract and City.
Broadway, double roadway (near Cutter st.—Cross st.)	958		
Broadway, single roadway (Cross st.—Fellsway east extended.)	751	8,796.13	$15,558.93
Cross st. (Tufts st.—Central sq.)	432	799.30	1,444.63
Highland ave., one-half roadway (In front of City Hall.)	96	137.75	247.05
Central sq.	254	1,370.25	7,766.84
Medford st. (Central sq.—Highland ave.)	1,096	2,746.80	
Totals	3,587	13,850.23	$25,017.45

These accounts were credited with $318.91, being the amounts allowed for old materials removed from the line of work.

Also a portion of the yard at the city's water department stable was laid with this pavement, amounting to 241 square yards.

The average cost of laying "Hassam Pavement" in the city during the year (principally by contract) was $1.80 per square yard, including the cost of re-setting edgestones, re-laying sidewalks, and all other incidental work.

Total "Hassam Pavement" laid in the city during the years 1906 and 1907, 37,521.3 square yards.

This pavement laid under proper specifications and competent inspection will stand any climatic conditions; it has a gritty surface and is being laid at a less cost per square yard than any other permanent pavement heretofore laid in this city.

New streets constructed during the past year have been more thoroughly and better built than for some time past; at least six inches of stone, after rolling, being used, and trap-rock entirely for the wearing surface, and on some streets "Tarvia" or "Asphaltoilene" has been applied. The same method of con-

struction should be carried out in the re-building and surfacing of old streets.

A number of experiments and tests have been made, using "Tarvia," "Asphaltoilene," and "Terracolio" for preserving macadam street surfaces and for suppression of dust; and future road construction will depend more or less on some mixture with the macadam surface to prevent deterioration caused by automobiles.

The greater part of highway construction work during the year has been done by the city furnishing all materials, labor, road-roller, watering, etc. The average cost of new street construction work, macadamizing with trap-rock, where the city furnished everything, has been sixty-five cents per square yard, and shows an average cost of $1.50 per lineal foot for constructing a street forty feet in width, having a macadamized roadway twenty-one feet wide, built by the city, day labor.

All new street construction work, trench work for laying water mains, etc., should be done by contract with the lowest bidder, under proper specifications and plans drawn by the city engineer, and thereby saving a considerable percentage of cost.

Where double car tracks have been laid in streets, leaving narrow roadways on either side, it is impossible to maintain a macadam surface, even at a heavy expense yearly, and these streets should be permanently paved with a suitable permanent pavement adapted to the character of the surroundings and amount of traffic and conditions encountered.

On some of the principal streets the edgestones should be completed and gutters paved, so that the street can be properly drained in times of heavy storms. A considerable quantity of stone still remains on the southerly portion of the city ledge, situated in West Somerville, between Holland street and Broadway, that can be quarried and used on street and sidewalk work to the city's advantage. The city has also come into possession of the Collins and Ham ledge on Clarendon hill, West Somerville; and by using the stone from these two ledges and purchasing trap-rock, the city will have a sufficient supply of good road material for a number of years to come.

The West End street railway company (by its attorney, the Boston elevated railway company) has laid double tracks in Mystic avenue, from the Charlestown line to the Fellsway (state boulevard) and northerly in this boulevard to Mystic river, a length of about one and one-tenth miles in Somerville; these tracks are being extended in the Middlesex Fells reservation through Malden and Medford to Spot pond and Stoneham.

The double car tracks in Broadway at Cross street have been relocated, and new curves constructed to conform with the parkway work of the previous year.

There are thirty-one and eight-tenths miles of electric railroad (single track location) laid at the present time in the city's streets.

Negotiations are still pending between the city and Massachusetts highway commission whereby, eventually, Mystic avenue, between the Medford city line and Austin street, will be taken, constructed and maintained as a state highway. A plan and profile of the street has been received showing what is contemplated by the commission.

The portion of this avenue in Medford has already been taken by the state and constructed during the past year.

Perambulation of City Boundary Line Between Somerville and Medford. On November 12, 1907, representatives from the city of Somerville and city of Medford, duly authorized, met and examined the bounds and marks defining the existing division line between the two cities, and reported in due form to their respective boards of aldermen.

These boundary lines between the adjoining cities are perambulated every five years, and an accurate description of the same is placed on record in the city clerk's office.

In connection with these city boundary lines the accurate location of a number of dwellings and parcels of land, situated partly in one city and partly in another, has been determined for the assessors' department.

Abolition of Grade Crossing. Considerable progress has been made towards the abolition of grade crossings on the line of the Fitchburg division of the Boston & Maine railroad, running though the southwesterly portion of the city.

Many public hearings have been held before the special grade crossing commission, appointed by the court for this particular work, plans presented, and many interested parties appearing, and the matter considered.

No decree has yet been issued, but it is known what the commissioners' report will be in regard to the matter, and plans are being made to accompany the findings of the commissioners, on the separation of grades, at these various crossings, with the railroad tracks.

At the Somerville-avenue crossing, the city's highway is to be carried over the railroad tracks by a bridge with elevated approaches, with no change in the railroad grade.

At the Medford-street crossing the grade of the railroad is to be partly raised, and the city's street depressed and carried under the railroad tracks.

At the Webster-avenue and Newton-street crossing (combined) the grade of the railroad is to be slightly depressed, and the city's highway carried over the railroad tracks by a bridge with elevated approaches.

At the Dane-street crossing and the Park-street crossing

the city's highways are to be carried over the railroad tracks by bridges and elevated approaches with no change in the railroad grade.

This plan of abolishment of crossings at grade in the first two described (Somerville-avenue and Medford-street) are practically as proposed by the city's scheme presented to the commission; the other three (Webster-avenue, Dane-street, Park-street) are just the reverse of the city's scheme, as presented.

No provision is made for crossings at Vine street, Kent street, or Sacramento street, and the steep approaches and old narrow bridges remain as at present at Prospect street and Washington street.

By the railroad company's scheme five crossings would be changed at an estimated cost of slightly less than one million dollars, leaving a number of dead-end streets, while the city's scheme provides for the carrying of all streets across the railroad location at a cost slightly in excess of one million dollars.

The plan at Webster-avenue and Newton-street crossing for carrying the city's street over the railroad tracks by a bridge with elevated approaches is a very unsatisfactory solution of the problem for the city's welfare, and requires unnecessary changes to private property and streets outside of the railroad location, necessitating the payment of heavy damages.

The matter of constructing bridges over the main line and branch locations of the Boston & Maine railroad on the line of Lowell street, as decreed by the county commissioners, is still pending in court, and some decision will probably be rendered during the coming year.

An agreement with the Boston & Maine railroad company has been made, whereby gravel is being taken from the city's lot, located in Waltham, and used by the railroad, in the construction work now being carried on, for abolishing grade crossings in Belmont and Waltham. The city will receive a considerable income during the next five years from the sale of this gravel.

Following is a table, compiled from reports, maps, and office notes, showing the location of stone bounds, as set, for defining street lines and angles; the year when set, and whether existing, or removed, at the present time.

Stone Bounds Set 1860 to 1875 Inclusive.

Beacon Street.—North side, at Cambridge line. (Dickinson street.)	
Beacon Street.—Centre at Cambridge line. (Dickinson street.)	
Beacon Street.—Southwest side, at Cambridge line. (Dickinson street.)	
Beacon Street.—Centre line, angle, west of Cooney street.	(Removed)
Beacon Street.—Northeast side, angle, west of Cooney street.	
Beacon Street.—Southwest side, angle, west of Cooney street.	
Beacon Street.—Southwest side, south side Washington street.	
Beacon Street.—Southeast side, south side Washington street.	
Beacon Street.—Centre line, centre Washington street.	(Removed)
Beacon Street.—Centre line, near Kent street. (Opposite city line bounds.)	(Removed)
Beacon Street.—Centre line, centre Sacramento street.	(Removed)
Beacon Street.—Centre line, angle at Oxford street.	
Beacon Street.—Centre line, centre Milk street. (Somerville avenue.)	(Removed)
Bond Street.—Centre line, at side line Broadway.	
Bond Street.—Centre line, at angle north of Broadway.	(Removed)
Bond Street.—Centre line, P. C., north of Heath street.	(Removed)
Bond Street.—Centre line, P. T., north of Heath street.	(Removed)
Beech Street.—Centre line, centre Milk street. (Somerville avenue.)	(Removed)
Beech Street.—Centre line, angle at Atherton street.	(Removed)
Beech Street.—Centre line, angle at centre Spring street.	
Bow Street.—North side, P. T., in Union square.	
Bow Street.—North side, east side Walnut street.	(Removed)
Bow Street.—North side, west side Walnut street.	(Removed)
Bow Street.—North side, P. C., west of Walnut street.	(Removed)
Bow Street.—South side, P. C., west of Walnut street.	
Bow Street.—South side, P. C. C., west of Walnut street.	
Bow Street.—South side, P. T.	
Bow Street.—North side, P. T.	(Removed)
Bow Street.—South side, P. C., Milk street. (Somerville avenue.	(Removed)
Bow Street.—North side, P. C., Milk street. (Somerville avenue.)	
Bow Street.—Centre line, centre, Milk street. (Somerville avenue.)	(Removed)
Broadway.—South side, angle at Franklin street.	
Broadway.—North side, angle at Franklin street.	(Removed)
Broadway.—South side, angle at Glen street.	
Broadway.—North side, angle at Glen street.	(Removed)
Broadway.—South side, west side Glen street.	
Broadway.—South side, centre of Rush street.	
Broadway.—South side, angle west of Cross street.	(Removed)
Broadway.—North side, angle west of Cross street.	(Removed)

Broadway.—Both sides, angle west Melvin street. (Old 100-foot street.)
Broadway.—Both sides, angle at Walnut street. (Old 100-foot street.)
Broadway.—Both sides, angle between Sargent avenue and Marshall street.
Broadway.—North side, centre Main street, angle.
Broadway.—South side, near centre Central street, angle.
Broadway.—South side, angle between Bartlett street and Glenwood road.
Broadway.—South side, angle west of Medford street.
Broadway.—North side, west side Medford street.
Broadway.—North side, angle west of Cedar street.
Broadway.—South side, angle west of Cedar street. (Removed)
Broadway.—Centre line, angle east of Willow avenue.
Broadway.—Centre line, P. C., west of Liberty avenue.
Broadway.—South side, P. C., west of Liberty avenue.
Broadway.—North side, P. T., west of Liberty avenue.
Broadway.—North side, P. C., Warner street. (Removed)
Broadway.—South side, P. C. C., Powder House square.
Broadway.—South side, P. T., College avenue.
Broadway.—Centre line, centre College avenue. (Removed)
Broadway.—Both sides, P. T., just beyond Powder House square.
Broadway.—Centre line, P. C., 484 feet west of Powder House square. (Removed)
Broadway.—Centre line, P. T., west of Chandler street. (Removed)
Broadway.—Centre line, angle west of Simpson avenue. (Removed)
Broadway.—Centre line, angle west of Paulina street. (Removed)
Broadway.—Centre line, angle west of Packard avenue.
Broadway.—Centre line, angle centre Curtis street. (Removed)
Broadway.—Centre line, P. C., west of Clarendon avenue. (Removed)
Broadway.—Centre line, P. T., east of Endicott avenue. (Removed)
Broadway.—Centre line, angle between Endicott and Farragut avenues. (Removed)
Broadway.—Centre line, angle between Garrison avenue and Victoria street. (Removed)
Broadway.—Centre line, angle west of North street. (Removed)
Broadway.—Centre line, near Alewife brook. (Removed)
Cedar Street.—Centre line, centre Elm street. (Removed)
Cedar Street.—Centre line, north line Sartwell avenue. (Removed)
Cedar Street.—Centre line, centre Summer street. (Removed)
Cedar Street.—Centre line, angle near south line Highland avenue.
Cedar Street.—Centre line, angle north of Morrison avenue. (Removed)
Cedar Street.—West side, angle north of Morrison avenue.
Cedar Street.—Centre line, south side Broadway.
Central Street.—Centre line, centre line Milk street. (Somerville avenue.) (Removed)
Central Street.—Centre line, centre Summer street. (Removed)
Central Street.—Centre line, Highland avenue. (Removed)
Central Street.—Centre line, centre Medford street. (Removed)
Cherry Street.—Centre line, centre Elm street.
Cherry Street.—Centre line, angle near Sartwell avenue. (Removed)
Cherry Street.—Centre line, centre Summer street. (Removed)
College avenue.—See Elm street.
Cross Street.—Centre line, south side Broadway. (Removed)
Cross Street.—East side, north side Brook street.
Cross Street.—Centre line, centre Webster street. (Removed)
Cross Street.—Centre line, P. C., centre Pearl street.
Cross Street.—Centre line, P. T., near Flint street.

Cross Street.—Centre line, P. C., near centre Gilman street. (Removed)
Cross Street.—Centre line, P. T., south of Tufts street.
Cross Street.—Centre line, centre Shawmut street.
Cross Street.—Centre line, centre Medford street. (Removed)
Curtis Street.—Both sides, at Broadway. (Not used.)
Curtis Street.—Centre line, at Medford city line. (Opposite bound No. 14.)
Cutter Street.—Centre line, south side Broadway.
Cutter Street.—Centre line, centre Webster street.
Dane Street.—Centre line, Milk street. (Somerville avenue.) (Removed)
Dane Street.—Centre line, Washington street.
Elm Street.—Centre line, Milk street. (Somerville avenue.)
Elm Street.—Both sides, P. T., between Somerville avenue and Porter street.
Elm Street.—Centre line, angle west of Cedar street. (Removed)
Elm Street.—Centre line, angle near Cherry street.
Elm Street.—Centre line, angle at White street.
Elm Street.—Centre line, angle east side Willow avenue. (Removed)
Elm Street.—Centre line, angle near west side Beech street.
Elm Street.—Centre line, angle west of Windom street.
Elm Street.—Centre line, angle west of Russell street.
Elm Sreet.—Centre line, at P. C., west of Chester street.
Elm Street (now College Avenue).—Centre line, at P. T., north of Lexington & Arlington Br. R. R. (Removed)
Elm Street (now College Avenue).—Centre line, at P. C., north of Morrison avenue. (Removed)
Elm Street (now College Avenue).—Centre line, at P. T., Chapel street. (Removed)
Elm Street (now College Avenue).—Centre line, at P. C., north of Francesca avenue. (Removed)
Elm Street (now College Avenue).—Centre line, at P. T., at Kenwood street. (Removed)
Elm Street (now College Avenue).—West side, P. T., in Powder House square.
Elm Street (now Warner Street).—Centre line, angle north of Broadway. (Old layout.)
Elm Street (now Warner Street).—Centre line, at Medford line. (Old layout.)
Flint Street.—South side, west side Franklin street.
Flint Street.—North side, near Cross street.
Florence Street.—Centre line, centre Perkins street.
Florence Street.—Centre line, Pearl street.
Franklin Street.—Centre line, south side Broadway.
Franklin Street.—Centre line, Webster street.
Franklin Street.—Centre line, centre Pearl street, east.
Franklin Street.—Centre line, centre Pearl street, west.
Franklin Street.—Centre line, angle between Flint street and Oliver street.
Franklin Street.—Centre line, angle near Washington street. (Removed)
Franklin Street.—Centre line, side line, Washington street. (Removed)
Greenville Street.—Centre line, centre Medford street.
Harvard Street.—Centre line, centre Beech street.
Harvard Street.—Centre line, centre Summer street.
Heath Street.—Centre line, centre Temple street.
Heath Street.—Centre line, centre West street. (Removed)

Heath Street.—Centre line, summit, near Bond street. (Removed)
Heath Street.—Centre line, centre Bond street. (Removed)
Highland Avenue.—Centre line, centre Medford street. (Also see other streets.)
Highland Avenue.—Centre line, angle near Putnam street. (Removed)
Hudson Street.—North side, at Central street. (Removed)
Hudson Street.—South side, east side Lowell street.
Hudson Street.—North side, west side Lowell street.
Laurel Street.—Centre line, centre Milk street. (Somerville avenue.)
Laurel Street.—Centre line, centre Summer street. (Removed)
Lincoln Street.—Centre line, centre Perkins street.
Lincoln Street.—Centre line, side line Broadway.
Linden Street.—Centre line, centre Elm street.
Linwood Street.—Centre line, centre Milk street. (Somerville avenue.)
Linwood Street.—West side, north side Milk street. (Somerville avenue.)
Linwood Street.—Centre line, side line Washington street.
Lowell Street.—Centre line, centre Summer street. (Removed)
Lowell Street.—West side, north side Albion street. (Old line Albion street.)
Lowell Street.—East side, south side Albion street. (Old line Albion street.)
Lowell Street.—Centre line, centre Medford street.
Main Street.—Centre line, P. C., west of Mt. Vernon avenue.
Main Street.—Centre line, P. T., east of Moreland street. (Removed)
Main Street.—Centre line, at Medford line.
Marshall Street.—Centre line, side line Broadway.
Marshall Street.—Centre line, centre Medford street.
Medford Street.—Centre line, at Cambridge line.
Medford Street.—Centre line, angle South street.
Medford Street.—Centre line, angle near Milk street. (Somerville avenue.)
Medford Street.—Centre line, centre Milk street. (Somerville avenue.)
Medford Street.—Centre line, P. C., near Central square.
Medford Street.—Centre line, P. T., near Cross street.
Medford Street.—Centre line, angle near Highland avenue.
Medford Street.—Centre line, summit between Highland avenue and Walnut street.
Medford Street.—Centre line, centre Walnut street.
Medford Street.—Centre line, near Adams street.
Medford Street.—Centre line, south side Broadway.
Mossland Street.—Centre line, centre Milk street. (Somerville avenue.)
Mossland Street.—Centre line, centre Elm street.
Mystic Avenue.—North side, angle opposite Union street.
Mystic Avenue.—Centre line, angle opposite Union street.
Mystic Avenue.—North side, west of North Union street.
Mystic Avenue.—Centre line, angle east of Austin street.
Mystic Avenue.—North side, angle east of Austin street.
Mystic Avenue.—North side, angle at coal wharf. (Removed)
Mystic Avenue.—North side, angle near Moreland street. (Removed)
Mystic Avenue.—North side, at city line. (Removed)
Myrtle Street.—Centre line, side line Washington street.
Myrtle Street.—Centre line, centre Pearl street.
Myrtle Street.—Centre line, centre Perkins street.
Mt. Pleasant Street.—Centre line, side line Broadway.

Mt. Pleasant Street.—Centre line, centre Perkins street.
Mt. Vernon Street.—Centre line, side line Broadway. (Removed)
Mt. Vernon Street.—Centre line, centre Perkins street.
North Street.—Centre line, centre Broadway. (Removed)
North Street.—Centre line, at Medford line.
Oak Street.—Centre line, centre Prospect street.
Oak Street.—Centre line, angle.
Oak Street.—Centre line, near city line, Cambridge.
Oliver Street.—North side line at Franklin street.
Pearl Street.—Centre line, centre Pinckney street.
Pearl Street.—North side, east side Glen street.
Pearl Street.—South side, near Cross street. (Removed)
Park Street.—Centre line, centre Beacon street. (Removed)
Park Street.—Centre line, angle between Ivaloo street and Fitchburg R. R. (Removed)
Park Street.—Centre line, centre Milk street. (Somerville avenue.)
Perkins Street.—Centre line, at city line.
Perkins Street.—Centre line, angle near Pinckney street.
Perkins Street.—Centre line, centre Franklin street.
Pinckney Street.—Centre line, centre Perkins street.
Porter Street.—Centre line, centre Elm street.
Prospect Street.—West side, north side Milk street. (Somerville avenue.)
Prospect Street.—Centre line, centre Milk street. (Somerville avenue.)
Prospect Street.—East side, south side Milk street. (Somerville avenue.)
Prospect Street.—Centre line, centre Webster avenue.
Prospect Street.—Centre line, Cambridge line.
Russell Street.—Centre line, centre Elm street.
Russell Street.—Centre line, at Cambridge line.
Sacramento Street.—Centre line, centre Milk street. (Somerville avenue.)
School Street.—Centre line, centre Milk street. (Somerville avenue.)
School Street.—Centre line, centre Summer street.
School Street.—Centre line, centre Highland avenue. (Removed)
School Street.—Centre line, centre Medford street. (Removed)
School Street.—Centre line, side line Broadway.
Shawmut Street.—Centre line, side line Washington street. (Removed)
Somerville Avenue.
(Formerly Milk Street.—North side, angle near East Cambridge line.
(Formerly Milk Street).—Centre line, angle near East Cambridge line.
(Formerly Milk Street.)—Centre line, angle at Medford street.
(Formerly Milk Street.)—Centre line, centre Bow street.
(Formerly Milk Street.)—Centre line, angle between Union square and Metropolitan square.
(Formerly Milk Street.)—North side line, P. T., at Bow street.
(Formerly Milk Street.)—Centre line, angle west of Bow street.
(Formerly Milk Street.)—Centre line, angle east of School street.
(Formerly Milk Street.)—Centre line, angle west of Dane street.
(Formerly Milk Street.)—Centre line, P. C., near Belmont street.

(Formerly Milk Street.)—Centre line, P. T., west of Lowell street.
(Formerly Milk Street.)—North side, P. T., west of Lowell street.
(Formerly Milk Street.)—Centre line, angle west of Oak square.
(Formerly Milk Street.)—Centre line, at West Cambridge line.
South Street.—North side, west side Medford street.
South Street.—North side, east side Water street.
Spring Street.—Centre line, centre Milk street. (Somerville avenue.)
Spring Street.—Centre line, centre Summer street.
Summer Street.—North side, P. T., near Wesley square.
Summer Street.—South side, P. T., near Wesley square.
Summer Street.—Centre line, angle between Spring street and Belmont street.
Summer Street.—Centre line, angle between Craigie street and Porter street. (Removed)
Sycamore Street.—Centre line, centre Highland avenue.
Sycamore Street.—Centre line, centre Medford street.
Temple Street.—Centre line, side line Broadway.
Temple Street.—Centre line, centre Heath street.
Temple Street.—Centre line, centre Jaques street.
Temple Street.—Centre line, P. C., at Derby street.
Temple Street.—Centre line, P. T., north of Derby street.
Temple Street.—West side, south side Mystic avenue.
Temple Street.—Centre line, centre Medford turnpike. (Mystic avenue.)
Tufts Street.—Centre line, centre Cross street.
Walnut Street.—Centre line, centre Bow street.
Walnut Street.—Both side lines, angle at Munroe street. (Removed)
Walnut Street.—Both side lines, near south side Highland avenue.)
Walnut Street.—Centre line, P. C., north of Pearl street.
Walnut Street.—Centre line, P. T., centre Veazie street.
Walnut Street.—Centre line Bonair street. (Removed)
Walnut Street.—Centre line, side line Broadway.
Warner Street.—See Elm street.
Washington Street.—South side, at Boston city line.
Washington Street.—North side, at Boston city line.
Washington Street.—Both sides, angle between Florence street and Myrtle street.
Washington Street.—South side, west of Bartlett street.
Washington Street.—South side, opposite Franklin street.
Washington Street.—North side, centre Tufts street. (Removed)
Washington Street.—South side, centre Boston & Lowell R. R.
Washington Street.—North side, east side Shawmut street.
Washington Street.—South side, east side Linwood street.
Washington Street.—South side, west side Medford street.
Washington Street.—North side, west side Boston street.
Washington Street.—North side, P. C., west of Boston street.
Washington Street.—South side, P. C., between Rossmore street and Mystic street.
Washington Street.—Both sides, P. T., west of Mystic street.
Washington Street.—North side, angle near Prospect street.

Washington Street.—South side, angle centre Prospect street.
Washington Street.—South side, north side Milk street. (Somerville avenue.)
Washington Street.—South side, south side Milk street. (Somerville avenue.)
Washington Street.—North side, P. C., Stone avenue.
Washington Street.—Centre line, centre Webster avenue.
Washington Street.—South side, near Fitchburg railroad. (Removed)
Washington Street.—Centre line, near centre Leland street.
Washington Street.—Centre line, near east side line Hanson street.
Washington Street.—Centre line, near centre Line street. (Cambridge line.)
Webster Avenue.—Centre line, at Cambridge line.
Webster Avenue.—West side line, at Cambridge line.
Webster Street.—South side line, east line Glen street.
Webster Street.—North side line, west line Glen street.
Webster Street.—North side line, east line Cross street.

Stone Bounds Set in 1876.

Broadway.—North side, at angle west of Cross street.
Broadway.—South side, east side Central street. (Removed)
Broadway.—North side, west side Winthrop avenue. (Fellsway east.)
Broadway.—North side, east side Chauncey avenue. (Fellsway west.)
Columbus Avenue.—South side, at angle (near east side Stone avenue.)
Concord Avenue.—South side, west side Prospect street. (Removed)
Concord Avenue.—North side, south side Newton street.
Concord Avenue.—South side, west side Springfield street.
Concord Avenue.—South side, at angle opposite Marion street. (See 1899.)
Concord Avenue.—South side, at angle 150 feet west of Marion street.
Concord Avenue.—North side, at angle 150 feet west of Marion street.
Concord Avenue.—South side, at angle 31 feet east of Leon street.
Mystic Avenue.—South side, at west side Winthrop avenue. (Fellsway east.)
Mystic Avenue.—South side, at east side Chauncey avenue. (Fellsway west.)
Newton Street.—South side, at west side Webster avenue. (Removed)
Oliver Street.—South side, at angle east of Glen street.
Oliver Street.—South side, at angle west of Glen street.
Springfield Street.—West side, at city line.

Stone Bounds Set in 1877.

Adams Street.—East side, at angle.
Appleton Street.—North side, at west side Clifton street, produced.
Benedict Street.—South side, at east side Austin street.
Benedict Street.—South side, at west side Union street.
Bonner Avenue.—West side, at north side Washington street.
Bonner Avenue.—West side, at south side Columbus avenue.

Broadway.—South side, at west side Mt. Vernon street.
Broadway.—South side, at east side Walnut street.
Broadway.—North side, at west side Bond street.
Broadway.—North side, at angle between Bond street and Main street.
Broadway.—South side, at west side Sycamore street.
Broadway.—South side, at east side Adams street.
Broadway.—South side, at west line Lowell R. R.
Broadway.—South side, at angle near Willow avenue.
Broadway.—South side, at east side Willow avenue.
Broadway.—South side, at east side Wallace street.
Broadway.—South side, at east side Irving street.
Cedar Street.—West side, at south side Lexington & Arlington Branch R. R.
Cedar Street.—West side, at north side Morrison avenue.
Chester Street.—West side, at south side Herbert street.
Chester Street.—West side, at north side Orchard street.
Chester Street.—West side, at Cambridge line.
Day Street.—East side, at south side Herbert street.
Day Street.—West side, at Cambridge line.
Dover Street.—West side, at angle.
Dover Street.—West side, at Cambridge line.
Elm Street.—South side, at east side Mossland street.
Elm Street.—South side, at angle near Mossland street.
Elm Street.—South side, at angle near Cherry street.
Elm Street.—North side, at west side Cherry street. (Removed)
Elm Street.—North side, at angle near White street.
Elm Street.—North side, at angle east of Willow avenue.
Elm Street.—North side, at west side of Willow avenue.
Elm Street.—South side, at angle near Beech street.
Elm Street.—North side, at angle near Willow avenue.
Elm Street.—North side, at angle west of Windom street.
Elm Street.—North side, at east side Cutter avenue.
Elm Street.—South side, at west side Russell street.
Elm Street.—South side, at angle in Cutter square.
Elm Street.—North side, at west side Grove street.
Elm Street.—South side, at east side Chester street.
Elm Street.—North side, at point curve near Davis square.
Florence Street.—West side, at angle nearest Washington street.
Hancock Street.—East side, at north side Highland avenue.
Henry Avenue.—East side, at north side Highland avenue.
Highland Avenue.—North side, at south side Medford street.
Highland Avenue.—North side, at angle near Putnam street.
Highland Avenue.—Both sides, at division line east of Hancock street.
Highland Avenue.—North side, at east side Grove street.
Holland Street.—South side, at west side Day street.
Holland Street.—South side, at west side Dover street.
Holland Street.—North side, at west side Wallace street.
Holland Street.—North side, east side Irving street.
Medford Street.—North side, at west side Thurston street.
Medford Street.—North side, at east side Sycamore street.
Medford Street.—North side, at east side Adams street.
Morrison Street.—South side, at east side Grove street.

Morrison Street.—North side, at east side Clifton street.
Orchard Street.—South side, at angle west of Day street.
Orchard Street.—North side, at Cambridge line near Russell street.
Pearl Street.—South side, at east side Franklin street.
Pearl Street.—North side, at east side Myrtle street.
Pearl Street.—North side, at west side Florence street.
Pearl Street.—North side, at west side Pinckney street.
Pearl Street.—North side, at west side Mt. Vernon street.
Perkins Street.—North side, at east side Franklin street.
Perkins Street.—North side, at west side Mt. Vernon street.
Perkins Street.—South side, at east side Mt. Vernon street.
Prospect Hill.—Massachusetts Harbor Commissioners' Survey Point. (Removed)
Somerville Avenue.—South side, at angle near Bow street.
Somerville Avenue.—North side, at point curve, junction Bow street.
Somerville Avenue.—North side, at west side Church street.
Somerville Avenue.—North side, at east side Quincy street.
Somerville Avenue.—North side, at angle west of Loring street.
Somerville Avenue.—North side, at east side Laurel street.
Somerville Avenue.—South side, at west side Park street.
Somerville Avenue.—North side, at west side Central street. (Removed)
Somerville Avenue.—South side, at point curve west of Kent street.
Somerville Avenue.—South side, at point curve near Sacramento street.
Somerville Avenue.—South side, at angle near Elm street.
Somerville Avenue.—South side, at east side Beacon street. (Removed)
Somerville Avenue.—North side, at east side Mossland street.
Summer Street.—South side, at west side Church street.
Summer Street.—South side, at east side Quincy street.
Summer Street.—North side, at west side Cutter avenue.
Vernon Street.—North side, angle west of Central street.
Vernon Street.—North side, angle east of Miner street.
Vernon Street.—North side, angle at Bartlett street.
Vernon Street.—North side, angle east of Glenwood road.
Wallace Street.—East side, at angle.
Wallace Street.—East side, at summit of hill.
Walnut Street.—East side, at angle north Bonair street. (Copper bolt.)
Warren Avenue.—West side, at north side Bow street.
Warren Avenue.—West side, at south side Columbus avenue. (Removed)
Washington Street.—North side, at east side Mt. Vernon street.
Washington Street.—North side, at west side Pinckney street.
Washington Street.—North side, at east side Florence street.
Washington Street.—North side, at east side Myrtle street.

Washington Street.—North side, at Stone avenue, P. C.
Washington Street.—North side, P. T., opposite Parker street.
Washington Street.—North side, P. C., opposite Parker street.
Washington Street.—North side, P. T., opposite Perry street.
Washington Street.—North side, P. C., east of Leland street.
Willow Avenue.—East side, at angle north of Appleton street. (Copper bolt.) (Removed)
Willow Avenue.—West side, at south side Appleton street.
Willow Avenue.—West side, at south side Morrison street.
Willow Avenue.—East side, at south side Lexington & Arlington Branch R. R.
Willow Avenue.—East side, at north side Morrison avenue.
Willow Avenue.—East side, at north side Highland avenue.
Willow Avenue.—East side, at south side Highland avenue.
Willow Avenue.—West side, at north side Summer street.

Stone Bounds Set in 1878.

Franklin Street.—West side, at angle between Flint street and Oliver street.
Highland Avenue.—South side, at east side Vinal avenue. (Removed)
Highland Avenue.—South side, at west side Putnam street.
Highland Avenue.—South side, at east side Prescott street. Removed)
Summer Street.—North side, west side Putnam street. (Removed)
Summer Street.—North side, east side Prescott street.
Summer Street.—North side, east side School street.
Summer Street.—South side, west side School street.
Summer Street.—South side, angle between Preston road and Greene street.
Vernon Street.—North side, at west side Central street.
Walnut Street.—East side, at north side Bow street. (Replaced)
Washington Street.—South side, at south side Somerville avenue. (Reset)

Stone Bounds Set in 1880.

Medford Street.—East side, angle near South street.
Somerville Avenue.—South side, east side Medford street.

Stone Bounds Set in 1881.

Gilman Street.—North side, at west side Cross street.
Gilman Street.—North side, at angle near Cross street.
Gilman Street.—North side, at angle nearest Walnut street.
Medford Street.—South side, north side B. & L. R. R. bridge. (Brass rod set on two-foot offset in granite abutment.)
Washington Street.—North side, near west side Hawkins street. (Brass rod on two-foot offset Washington street.)

Stone Bounds Set in 1884.

Austin Street.—West side, at north side Broadway.
Austin Street.—West side, near Benedict street.
Austin Street.—West side, at south side Mystic avenue.
Cross Street.—West side, at north side Broadway.
Cross Street.—West side, at south side Mystic avenue.
Eliot Street.—South side, at east side Park street.
Eliot Street.—South side, at west side Vine street.
Evergreen Avenue.—North side, at west side School street.
Evergreen Avenue.—North side, at west side Dartmouth street.
Evergreen Avenue.—North side, at east side Thurston street.
Evergreen Avenue.—South side, at west side Thurston street.
Evergreen Avenue.—South side, at east side Sycamore street.
Highland Avenue.—South side, at east side Central street.
Highland Avenue.—South side, P. C., centre Benton road. (Removed)
Highland Avenue.—North side, P. C., centre Benton road.
Highland Avenue.—South side, P. T., opposite armory building. (Removed)
Highland Avenue.—North side, P. T., at armory building.
Jaques Street.—South side, at east side Temple street.
Linden Avenue.—West side, at south side Summer street.
North Street.—West side, at north side Broadway.
North Street.—West side, summit near Broadway.
North Street.—East side, near north side Powder House boulevard.
North Street.—East side, near T. R. Cook's house.
North Street.—East side, at Medford line. (Near city line bound No. 17.)
Park Street.—East side, P. C., south of Fitchburg R. R.
Park Street.—East side, P. T., near Eliot street.
Park Street.—East side, angle south of Eliot street.
Pleasant Avenue.—South side, at west side Walnut street.
Pleasant Avenue.—South side, at east side Vinal avenue.
Porter Street.—East side, at south side Summer street.
Prospect Hill Avenue.—North side, west side Medford street.
Prospect Hill Avenue.—North side, east side High street. (Munroe street.)
Russell Street.—West side, north side Cottage avenue.
Vinal Avenue.—East side, at angle near Pleasant avenue.
Vinal Avenue.—West side, at north side Summer street.

Stone Bounds Set in 1887.

Holland Street.—West side, south side Thorndike street. (Removed)
Holland Street.—West side, north side Thorndike street. (Removed)
Holland Street.—West side, south side Jay street.
Holland Street.—West side, north side Jay street.
Holland Street.—West side, south side Gorham street.
Holland Street.—West side, north side Gorham street.
Howard Street.—North side, west side Thorndike street.
Howard Street.—North side, east side Jay street.
Howard Street.—North side, west side Jay street.
Howard Street.—North side, east side Gorham street.

Howard Street.—North side, west side Gorham street. (Removed)
Thorndike Street.—East side, north side Lexington & Arlington Branch R. R.

Stone Bounds Set in 1891.

Broadway.—South side, east side City road.
City Road.—East side, at angle. (Removed)
City Road.—East side, at Boston & Lowell Railroad.
Medford Street.—West side, angle near Somerville avenue.
Medford Street.—West side, south side Somerville avenue.

Stone Bounds Set in 1894.

Broadway.—North side, P. C., at Warner street.
College Avenue.—East side, P. T., near city line.
College Avenue.—East side, P. C., near Powder House square.
College Avenue.—East side, P. T., near Powder House square.
College Avenue.—East side, P. C., near Warner street.
Warner Street.—South side, P. T., near Broadway.

Stone Bounds Set in 1895.

Broadway.—South side, angle west of Simpson avenue.
Broadway.—South side, angle west of Paulina street.

Stone Bounds Set in 1899.

Concord Avenue.—South side, at angle opposite Marion street. (Reset on two-foot offset line.)
Powder House Boulevard.—North side, P. C. C., near Powder House square.
Powder House Boulevard.—North side, P. C. C., east of Two Penny brook.
Powder House Boulevard.—North side, P. C. C., west of Two Penny brook.
Powder House Boulevard.—North side, P. C. C.
Powder House Boulevard.—North side, P. T., west side Packard avenue.
Powder House Boulevard.—North side, P. C., east side Curtis street.
Powder House Boulevard.—North side, P. C. C., west of Curtis street.
Powder House Boulevard.—North side, P. T., west of Curtis street.
Powder House Boulevard.—North side, angle west of Dow street.
Powder House Boulevard.—West side, P. C. C., near Alewife brook and Mystic river.
Powder House Boulevard.—East side, on curve at division line near Mystic river.
Winthrop Avenue.—East side, at south side Mystic (Fellsway east) avenue.

Stone Bounds Set in 1900.

Broadway.—North side, angle west of North street.

Stone Bounds Set in 1902.

Broadway.—South side, at angle west of Cedar street. (Replaced)
Broadway.—Centre College avenue and Broadway. (Replaced)
Broadway.—Both sides, P. C., of curve near Billingham street.
Broadway.—Both sides, P. T., near Chandler street. (South side on a two-foot offset.)
Broadway.—Centre Curtis street and centre Broadway. (Replaced)
Broadway.—Both sides, P. T., curve. (Near Endicott avenue.)
Munroe Street.—North side, at P. C. C., near Boston street.
Munroe Street.—X tangents between Boston street and Prospect-hill avenue.
Munroe Street.—East side, P. C. C., south of Prospect-hill avenue.
Munroe Street.—East side, at P. T., southerly corner Prospect-hill avenue.
Munroe Street.—East side, at angle northerly corner Greenville street.
Munroe Street.—West side, northerly end park land.
Summer Street.—South side, east side Craigie street.
Willow Avenue.—Both sides, angle north of Fosket street.
Willow Avenue.—East side, south side Broadway. (Lowered.)

Stone Bounds Set in 1903.

Beacon Street.—North side, angle near centre Park street.
Beacon Street.—North side, angle west side Sacramento street. (X two-foot offset lines.)
Broadway.—Both sides, angle between Endicott avenue and Farragut avenue.
Broadway.—Both sides, angle between Garrison avenue and Victoria street.
Broadway.—South side, angle west of Waterhouse street.
Broadway.—South side, angle near Alewife brook. (X two-foot offset lines.)
Cedar Street.—Centre of street, angle Sartwell avenue. (Replaced)
Central Street.—X centre lines Central street and Medford street. (Replaced)
Columbia Street.—South side, at Webster avenue.
Columbia Street.—X tangents.
Columbia Street.—West side, at city line.
Dimick Street.—North side, east side Calvin street.
Dimick Street.—North side, at angle. (Near Marion street.
Elm Street.—South side, angle east of Tenney street.
Hall Street.—North side, at angle.
Hall Street.—North side, east side Cherry street.
Hancock Street.—East side, angle between Highland avenue and Summer street.
Harrison Street.—North side, P. C., near Ivaloo street.
Harrison Street.—North side, P. C. C., near Mondamin court.
Houghton Street.—North side, angle between Bolton street and Oak street. (On two-foot offset line.)
Houghton Street.—North side, angle east corner Oak street.

Ibbetson Street.—South side, west side Lowell street.
Ibbetson Street.—South side, angle.
Maple Street.—Angles, south side. (2.)
Meacham Street.—North side, angle at Lexington & Arlington Branch R. R.
Meacham Street.—South side, X tangents.
Oxford Street.—South side, angle division line between No. 42 and No. 46.
Oxford Street.—South side, angle division line east of No. 66 and No. 68.
Powder House Terrace.—West side, P. C.
Powder House Terrace.—West side, P. C. C.
Powder House Terrace.—South side, west side Liberty avenue.
Russell Street.—South side, west side Elm street. (X two-foot offset lines.)
Russell Street.—City line, bound No. 18. (Replaced)
Spencer Avenue.—North side, X tangents.
Summer Street.—South side, angle at Lowell street.
Summer Street.—South side, angle between Craigie street and Porter street.
Summer Street.—Centre Summer street and Cherry street. (Replaced)

Stone Bounds Set in 1904.

Electric Avenue.—North side, at Curtis street.
Electric Avenue.—North side, at Packard avenue.
Glendale Avenue.—North side, at Yorktown street.
Highland Avenue.—Northeast corner Willow avenue. (Reset and lowered)
Lexington Avenue.—North side, at Willow avenue. (Reset)
Lexington Avenue.—South side, at Willow avenue. (Reset)
Lexington Avenue.—South side, east corner Henry avenue. (Reset)
Lexington Avenue.—South side, west corner Hancock street (Reset)
Warner Street.—North side, P. C., near Bromfield road.
Warner Street.—North side, P. T., near Pearson road.

Stone Bounds Set in 1905.

Broadway.—South side, on two-foot offset, angle opposite Curtis street.
Broadway.—South side, east corner Holland street.
Holland Street.—Northwest corner Dover street. (Raised to grade.)
Holland Street.—Both sides, Thorndike street. (Replaced)
Holland Street.—West side, angle Cameron avenue.
Holland Street.—East side, P. C., north of Paulina street.
Holland Street.—East side, P. T., near northerly line city ledge property.
Moreland Street.—Northwest corner Meacham street.
Mystic Avenue.—South side, angle west of coal wharf.
Mystic Avenue.—South side, angle east of Moreland street.

Stone Bounds Set in 1906.

Beacon Street.—Northeast side, angle west of Cooney street. (Reset)
Beacon Street.—Southwest side, angle west of Cooney street. (Reset)

Dimick Street.—North side, east side, Calvin street. (Reset)
Dimick Street.—North side, angle at Marion street. (Reset)
Washington Street.—South side, angle west of Bartlett street. (On two-foot offset.)
Washington Street.—South side, angle west of Franklin street. (Reset)
Washington Street.—North side, angle old centre line Franklin street. (Replaced)
Washington Street.—North side, angle centre Tufts street. (Replaced)
Washington Street.—North side, angle near west side line Boston street. (Replaced)

Stone Bounds Set in 1907.

Boston Street.—North side, angle between Walnut street and Greenville street.
Boston Street.—North side, P. C., west of Greenville street.
Boston Street.—North side, P. C. C., east of Greenville street.
Boston Street.—North side, P. T., between Greenville street and Prospect-hill avenue.
Boston Street.—North side, P. C., west of Prospect-hill avenue.
Boston Street.—North side, P. T., east of Prospect-hill avenue.
Boston Street.—North side, P. C., west of Munroe street.
Boston Street.—North side, P. T., opposite Munroe street.

SEWER DEPARTMENT.

Sewers Construction Account.

STATEMENT OF EXPENSES, 1907.

Constructing "separate system" sewers (assessments levied) petitioned for	$348 69	
Constructing "separate system" sewers (no assessments)	14,035 78	
Constructing "combined system" sewers (assessments levied) petitioned for	1,025 41	
Constructing storm drains and overflows,	10,353 94	
Constructing forty-one catch-basins, street drainage	2,409 96	
Final payments on sewers constructed, 1906,	865 81	
Work and materials furnished other departments	451 17	
Sundry expenses, books and printing	17 75	
Materials on hand December 31, 1907	714 48	
Total expenditure	$30,222 99	
Transferred to reduction of Funded Debt,	$30,000 00	
Transferred to Highway Construction Account	3,500 00	
Transferred to Public Buildings, Construction Account	3,000 00	
	$36,500 00	
Total debit		$66,722 99

CREDIT.

Appropriation	$60,000 00	
Balance unexpended December 31, 1906	3,454 11	
Assessments levied, sewers constructed 1907	1,206 99	
Amount received for entrance fee Broadway sewer	44 96	
Amounts received from private parties on account of sewer construction	152 35	
Amounts received from other departments	451 17	
Reserves on contracts due 1908	268 95	
Materials on hand December 31, 1906	775 45	
Total credit		$66,353 98
Amount overdrawn		$369 01

The greater part of the new construction work has been done by contract, and the remainder by the city employing day labor, where old structures were to be remodeled or replaced by some difficult construction work.

All materials have been furnished by the city, and the prices paid for drain pipe, cement, supplies, etc., for the season have been by contract with the lowest bidder and at an unusuallly low rate.

A number of sewers have been constructed as petitioned for in different sections of the city, and portions of the cost of

construction assessed on the abutting estates under orders adopted by the board of aldermen.

Short lines of storm drains and overflows from congested sewers have been constructed during the year in the most needed districts.

The "separate system" sewers (those built for house drainage only) have been extended in a number of streets, and this system should be extended yearly until all the flooded districts in the city have two complete systems of drainage, the old sewer to be used for storm and surface water. The city pays the entire cost of these new sewer extensions for house drainage.

Wherever these new sewers are constructed, the house plumbing should be changed where necessary, and the house drains and conductor, or surface water drains, reconnected with both systems as soon as possible.

During the year the main outlet for storm drainage in the North Somerville district through Two Penny brook has been permanently constructed. The course of the old brook running diagonally across building property has been changed between College avenue and the Medford city line, and a new covered structure built in a passageway and street released to the city for the purpose of drainage, the brook being diverted into this new channel, and thence extended through Medford to Mystic river.

The structure is constructed principally of Portland-cement concrete re-inforced with expanded metal and I beams in the roof construction, with the invert lined with brick and varying in width from six feet to five feet by three and one-half feet high and about six hundred and ninety feet long.

New sewers and drains were constructed during the year varying in size from eight-inch pipe to fifteen-inch pipe, and concrete structure six feet by three and five-tenths feet, in the following localities:—

"Separate system" sewers in:—

Hawkins street,—(east side) Washington street to Lake street.
Lake street,—(both sides) Hawkins street to near Church street.
Marion street,—Near Wyatt street to near Dimick street.
Myrtle street,—(both sides) Washington street to angle in street.
Park street,—Beacon street to near Somerville avenue.
Somerville avenue,—(northeast side) near East Cambridge line.
Somerville avenue,—(southwest side) Prospect street to Washington street.
Washington street,—(southwest side) Somerville avenue to Kingman road.

Washington street,—(northeast side) Union square to Hawkins street.

"Combined system" sewers in :—

Walnut road,—Walnut street to angle in street.

Whitfield road,—Packard avenue westerly.

Storm drains in:—

Bay State avenue,—Mallet street northerly.

City field (street),—Near Cedar street to Sumner street.

Kidder avenue,—Lowden avenue to Bay State avenue.

Lowden avenue,—Broadway to Kidder avenue.

Mallet street,—Lowden avenue to Bay State avenue.

Pearson road,—Along Medford city line at Two Penny brook.

Private lands,—Pearson road to College avenue.

Sumner street,—City farm (street) to Hinckley street.

Summary of Work. Twenty-one new sewers and drains have been constructed during the year, a total length of 10,187.9 linear feet (1.929 miles), at a cost of $25,765.70, plans have been made showing these sewers in detail, and assessments levied on a portion of them, amounting to $1,331.46. (See tabular statement of sewers and drains for 1907, showing itemized statement of work and cost.)

The total length of the city's drainage system is 97.114 miles, 23.401 miles being on the "separate system," and 6.273 miles of storm drains, and the entire cost of construction has amounted to about $1,206,231, exclusive of the amount paid to the state for assessments for the construction of the North Metropolitan sewerage system.

Forty-one new catch basins have been constructed in the highways during the year, at an average cost of $58.78 per basin, making a total of 1,463 catch basins in the city for street drainage purposes, constructed and maintained as follows:—

By the city (sewer department):—		
Located in streets and subways	1,414 basins	
Located in city boulevard	29 "	
Located in parks (11) other city lots (9)	20 "	
Total catch basins constructed and maintained by city,		1,463
By Boston & Maine railroad company on railroad locations	29 basins	
By State, located in boulevards	52 "	
		81
Total catch basins in city for drainage purposes,		1,544

Metropolitan Sewer Connections. All of the city's ten connections with the North Metropolitan sewerage system are in good condition. No new main connections have been required.

A private drain about 150 feet in length has been con-

structed on the Boston Elevated Railway company's property at the owners' expense for the purpose of drainage from the power station, located on the marsh lands near Woodstock street, and connecting with the Metropolitan sewer main along the easterly side of Alewife brook.

At the Somerville-avenue-Poplar-street connection with the Metropolitan sewer, records compiled from an automatic recording clock placed in the "regulator chamber" on the combined system show this outlet to have been cut off as follows:—

Year 1907, completely closed 206 hours, partly closed 534 hours.

In previous years the following:—

Year	1906,	completely	closed	289	hours,	partly	closed	331 hours.
"	1905,	"	"	297	"	"	"	548 "
"	1904,	"	"	279	"	"	"	922 "
"	1903,	"	"	180	"	"	"	167 "
"	1902,	"	"	376	"	"	"	377 "
"	1901,	"	"	386	"	"	"	225 "
"	1900,	"	"	353	"	"	"	114 "

The city's assessment for the Metropolitan sewer system for the past year was $23,895.41 on construction account and $13,680.36 for maintenance, and the total amount paid the commonwealth of Massachusetts for this state sewer has been $609,385.55 (1894-1907, both years inclusive). The total length of the Metropolitan sewerage system mains running through the city amounts to 3.368 miles.

New Work. The separate system sewers should be extended in the old sections of the city each year as the appropriation will allow.

The construction of the storm drainage system, commenced in the year 1905, should be continued in the vicinity of North Somerville, where buildings and new streets are being rapidly constructed; the outlet for this district being through the city of Medford into Mystic river.

Storm drainage should be provided on sections of Mystic avenue, and also in the vicinity of Lincoln park.

In the vicinity of Lowell and Vernon streets, some arrangement should be made with the railroad company, whenever the highway bridge is constructed at Lowell street, for providing an outlet for storm water in this locality through the railroad valley, which would be beneficial to both city and railroad.

A large storm overflow drain has been contemplated for some time at the East Cambridge line, across private lands from Somerville avenue, discharging into the head of Miller's river. In conjunction with this last proposed work, a readjustment of the present legislative act should be made on a more equitable basis, whereby the amount paid by this city to Cambridge for the maintenance of the Somerville-avenue-Bridge-street sewer would be less and in proportion to the use of the same at the

TABULAR STATEMENT OF SEWERS BUILT IN 1907.

LOCATION.				ITEMS OF CONSTRUCTION AND COST.																					
						Sewer.		Sub-drain.							Pipe Sewer, Cost per Lineal Foot.										
Name of Street.	From	To	Contractor.	Material Excavated.	Average Cut.	Size in inches.	Length in feet.	Size in inches.	Length in feet.	Cubic yards Rock Excavation.	Price per cubic yard, Rock.	Manholes.	Average cost Manholes.	Inlets	Excavating, Refilling, and Pipe Laying. Main Sewer.	Excavating, Refilling, and Pipe Laying. Sub-drain.	Price, including Sub-drain where laid.	Inspection.	Miscellaneous.	Lumber.	Resurfacing Streets, Repaving Sidewalks, etc.	Average cost per lineal foot.	Total cost.	Assessment.	Cost to City.
City Field st. and Summer st. (storm	Near Cedar st.	Sumner st.	Patrick Burke	Hardpan	6.0	12	621.0	.....	.....	.....	.....	4	$53.50	1	$0.38	.....	$0.35	$0.04	$0.11	.....	.....	$1.29	$1,013.41	.....	$1,013.41
drain)	City Farm	Hinckley st.	Patrick Burke	Filling	6.0	12	162.0	.....	.....	.....	.....	2	53.50	.....	0.38										
Lowden ave.	Broadway	Kidder ave.	James Fannon	Hardpan and rock	7.5	15	979.9	.....	.....	165.4	$2.60	3	43.00	6	0.46										
Kidder ave.	Lowden ave.	Bay State ave.	James Fannon	Sand and rock	6.5	12	219.0	.....	.....	14.5	2.60	1	43.00	.....	0.40										
Mallet st. and	Lowden ave.	Bay State ave.	James Fannon	Hardpan and rock	6.5	12	224.5	.....	.....	32.0	2.60	.....	.....	.....	0.40	.....	0.42	0.09	0.07	.....	.....	1.55	2,494.07	.....	2,494.07
Bay State ave. (storm drain)	Mallet st.	Northerly	James Fannon	Hardpan and rock	6.5	12	188.0	.....	.....	16.0	2.60	2	43.00	3	0.40										
*Marion st.	End of old sewer	Near Dimick st.	Bartholomew Burke	Hardpan and filling	7.0	8	376.1	.....	.....	.....	.....	2	40.00	27	0.46	.....	0.22	0.03	0.01	.....	.....	0.93	348.69	$348.54	0.15
*Myrtle st. (both sides)	Washington st.	Near Angle	Timothy F. Crimmings	Filling and clay	9.8	8	972.9	.....	.....	.....	.....	5	45.00	37	0.73	.....	0.19	0.06	0.03	$0.03	$0.03	1.30	1,269.08	.....	1,269.08
*Park st.	Beacon st.	Fitchburg R. R.	Charles A. Kelley	Hardpan gravel and sand	16.9	10	733.5	.....	.....	1.0	2.60	2	49.00	40	2.05	.....	0.26	0.05	0.03	0.30	0.14	2.18	3,727.18	.....	3,727.18
Park st. (both sides)	Fitchburg R. R.	Near Somerville ave.	Charles A. Kelley	Sand	6.5	8	975.2	.....	.....	3.0	2.00	6	49.00	38	.50										
TWO PENNY BROOK	STORM DRAIN																								
Pearson road and	Private Lands	Sewer Taking (1896)	Timothy F. Crimmings	Sand	6.5	Concrete 6.0 x 3.5	257.4	I beams and expanded metal		2.02	4.00	4	15.00	4	Excavation $1.00 and $0.95 per lineal foot.		.....	0.31	0.21	0.66	.....	9.72	6,708.21	Concrete $3,826.81	Brick work $336.40
Private Lands	Pearson road	College ave.	Timothy F. Crimmings	Sand and gravel	6.5	6.0 x 3.5	432.9		$ 1,022.13																
Extension at Med	ford line				.....	.....	.....	.....	.....	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	140.13	31.00	109.13
*Somerville ave. (near E. Camb.)	End old sewer (n. side)	End old sewer (s. side)	Day labor	Filling	5.9	8	312.3	.....	.....	.....	.....	2	42.00	13	0.90	.....	0.26	0.15	.....	.....	.....	1.58	492.59	93.47	399.12
*Somerville ave. (s. side)	Prospect st.	Washington st.	Charles A. Kelley	Sand	13.8	15	464.5	5	461.0	.....	.....	1	52.00	19	1.85	0.20									
*Washington st. (s. side)	Somerville ave.	West of Kingman road	Charles A. Kelly and day labor	Sand	13.8	15	457.5	5	457.5	.....	.....	2	52.00	8	1.85	0.20									
*Washington st. (n. side)	Union square.	Hawkins st.	Charles A. Kelley	Sand	11.5	10	436.3	.....	.....	1	10.00	2	52.00	17	1.45	.....	0.31	0.12	0.03	0.78	0.16	2.79	8,546.93	.....	8,546.93
*Hawkins st. (e. side)	Washington st.	Lake st.	Charles A. Kelley	Sand	7.0	10	150.0	.....	.....	.....	.....	1	52.00	6	1.45	.....									
*Lake st. (s. side)	Hawkins st.	Church st.	Charles A. Kelley	Filling and sand	7.0	8	888.3	.....	.....	.....	.....	4	52.00	30	0.50	.....									
*Lake st. (n. side)	Hawkins st.	Carlton st.	Charles A. Kelley	Filling and sand	7.0	8	669.8	.....	.....	.....	.....	4	52.00	28	0.50	.....									
Walnut road	Walnut st.	Angle	Charles A. Kelley	Hardpan and rock	8.0	10	287.3	.....	.....	43.64	2.60	2	47.00	13	0.35	.....	0.29	0.09	0.01	.....	.....	1.46	419.50	350.30	69.20
Whitfield road	Packard ave.	Westerly	Bartholomew Burke	Hardpan and rock	8.0	8	379.5	.....	.....	112.3	2.59	1	37.85	28	0.43	.....	0.22	0.06	0.01	.....	.....	1.58	605.91	508.15	97.76
Total length and cost of new sewers and drains built in 1907,							10,187.9 (1.929 miles.)																$25,765.70	$1,331.46	$24,434 24

* Separate system sewer.

Total length of sewers built by the city, January 1, 1908 . . . . . 445,379.1 feet. (212 feet abandoned and 215 feet changed to storm drain.)
Total length of private sewers in the city, January 1, 1908 . . . . . 34,263.0 feet. (364 feet private sewers released to city.)

Total length of sewers in the city, January 1, 1908 . . . . . 479,642.1 feet, or 90.841 miles. (23.401 miles separate system.)
Total length of storm drains in the city, January 1, 1908 . . . . . 33,118.9 feet, or 6.273 miles.

Total length of the city drainage system, January 1, 1908 . . . . . 97.114 miles.

Total length of Met. sewerage system mains running through the city . . . . . 3.368 miles.

COMPILED TABLE SHOWING LENGTH AND COST OF SEPARATE SYSTEM SEWERS CONSTRUCTED TO 1908.

Date of Construction.	Street.	From	To	Length in Feet.	Cost by Years.
1899	Adrian st. (both sides)	Joseph st.	Marion st.	1,203.2	
1902	Allen st.	Old sewer changed to separate	system sewer	643.0	
1896	Ash ave.	Meacham st.	Northeasterly	302.0	
1896	Ash ave.	East Albion st.	Southwesterly	288.5	
1900	Bay State ave.	Mallet st.	Northerly and southerly	448.5	
1900	Bay State ave.	Kidder ave.	Northerly and southerly	518.5	1896
1902	Beach ave.	Columbia st.	Near Webster ave.	186.9	$42,029 39
1902-'05	Beacon st. (northeast side)	Southeast side Washington st.	Stanford ter.	8,089.9	
1903	Beacon st. (southwest side)	Kent st.	Harris st.	1,403.3	
1902	Beckwith circle	Beacon st.	Southwesterly	101.8	
1899	Bolton st. (both sides)	Oak st.	Houghton st.	962.3	
1896-'05	Boston ave.	Medford line	Pritchard ave.	911.0	
1889	Bowdoin st.	Old sewer changed to separate	system sewer	305.0	
1896	Broadway	Boston ave.	Willow ave.	377.3	
1896	Broadway	Winchester st.	Cedar st.	380.0	
1896	Broadway	Cedar st.	Southeasterly	370.5	
1897	Broadway	Willow ave.	Bay State ave.	480.5	
1898	Broadway	Alewife brook	About 70 ft. S. E. Weston ave.	1,847.1	
1905-'06	Bromfield rd.	Near Warner st.	Near Dearborn rd.	1,098.4	1897
1896	Cameron ave.	Seven Pines ave.	Northeasterly	532.0	$573 78
1896	Cedar st.	Broadway	Near Boston & Lowell railroad	412.8	
1906	Chestnut st.	Poplar st.	Southeasterly	519.6	
1900	Clark st. and Lincoln park	Newton st.	Washington st.	1,149.6	
1896-'03	College ave.	Private lands	Near Warner st.	593.0	
1901	Columbia st.	Webster ave.	Near Cambridge line	797.6	
1899	Concord ave. (north side)	Newton st.	Springfield st.	553.8	
1899	Concord ave. (north side)	Prospect st.	Near Concord sq.	510.0	
1899	Concord ave. (south side)	Prospect st.	Springfield st.	986.2	
1900	Conwell ave.	North st.	Near Curtis st.	1,276.6	
1904	Dane ave. (both sides)	Leland st.	Near Dane st.	1,105.5	
1901	Dane st. (east side)	Washington st.	Fitchburg railroad	729.2	
1901	Dane st. (west side)	Washington st.	Tyler st.	997.3	1898
1902	Dearborn rd.	Boston ave.	Near Bromfield rd.	198.5	$28,627 15
1905	Dell st. (northeast side)	Glen st.	Angle near Tufts st.	342.5	
1899	Dickinson st. (both sides)	Springfield st.	Near Cambridge line	1,437.4	
1905	Dickson st.	Broadway	Northerly	211.0	
1896	East Albion st.	Ash ave.	Medford line	648.5	
1906	Elm st. (west side)	Oak sq.	Mossland st.	961.3	
1896	Elmwood st.	Tannery Brook sewer	Southwesterly and northeasterly	634.6	
1903	Elmwood ter.	Elmwood st.	Easterly	201.4	
1898-'02	Endicott ave.	Broadway	Southwesterly	478.0	
1906	Everett st. (north side)	Newton st.	Near Webster ave.	306.7	
1898	Farragut ave.	Woodstock st.	Broadway	957.5	
1905	Fountain ave. (both sides)	Glen st.	Northwesterly	534.4	
1902-'05	Franklin st. (westerly side)	Washington st.	Oliver st.	785.9	1899
1887	Fremont ave.	Old sewer changed to separate	system sewer	89.0	$15,931 52
1896	Fremont st.	Mystic ave.	Near East Albion st.	234.8	
1896	Fremont st.	East Albion st.	Main st.	1,229.5	
1898	Garrison ave.	Proposed st.	Near Broadway	828.5	
1905	Glen st. (southeast side)	Fountain ave.	Dell st.	124.8	
1896	Glendale ave.	Yorktown st.	Near Cameron ave.	334.1	
1896	Gorham st.	Howard st.	Northeasterly	569.6	
1896	Hanson ave.	Old sewer changed to separate	system sewer	226.8	
1901	Hanson st.	Washington st.	Near Vine st.	733.6	
1905	Harris st.	Beacon st.	Southwesterly	125.5	
1902	Harrison st.	Elmwood st.	Southeasterly	194.0	
1906	Harrison st. (both sides)	Ivaloo st	Kent st.	1,309.2	
1907	Hawkins st. (east side)	Washington st.	Lake st.	150.0	
1899	Houghton st. (both sides)	Springfield st.	Near Cambridge line	992.1	1900
1906	Ivaloo st. (north side)	Beacon st.	Harrison st.	397.8	$39,427 69
1896	Jay st.	Howard st.	Northeasterly	329.9	
1899-'05	Joseph st. (both sides)	Newton st.	Near Lincoln park	804.7	
1900	Josephine ave.	Broadway	South of Frederick ave.	1,301.5	
1906	Kent st. (both sides)	Beacon st.	(n. w. side) near R. R. (s. e. side) Harrison st.	483.7	
1900	Kidder ave.	Lowden ave.	Bay State ave.	226.0	
1907	Lake st. (south side)	Hawkins st.	Church st.	888.3	
1907	Lake st. (north side)	Hawkins st.	Carlton st.	669.8	
1902	Laurel st.	Somerville ave.	Park pl.	239.2	
1904	Leland st.	Washington st.	Dane ave.	393.0	
1905	Lincoln parkway (south side)	Joseph st.	Westerly	382.0	
1902	Linden st.	Somerville ave.	Near Charlestown st.	598.3	
1902-'06	Linwood st. (both sides)	Near Somerville ave.	Near Washington st.	2,798.5	
1900	Lowden ave.	Broadway	Near Fosket st.	1,189.6	1901
1902	Main st.	Fremont st.	Near Moreland st.	180.7	$11,489 31
1900	Mallet st.	Lowden ave.	Bay State ave.	240.0	
1896	Malvern ave.	Yorktown st.	Near Cameron ave.	333.5	
1903	Maple st.	Old sewer changed to separate	system sewer	598.0	
1899	Marion st.	Wyatt st.	Near Concord ave.	917.0	
1902	Marion st. (west of Wyatt st.)	Old sewer changed to separate	system sewer	194.0	
1907	Marion st.	End of above	Near Dimick st.	376.1	
1896	Meacham st.	Moreland st.	Ash ave.	215.7	
1896	Meacham st.	Fremont st.	Medford line	141.5	
1901	Meacham st.	Moreland st.	Near Fremont st.	206.0	
1896	Medford st.	N. P. & P. Co.'s drive	N. E. D. M. & W. Co.'s drive	96.3	
1906	Medford st. (both sides)	Somerville ave.	Washington st.	1,992.9	
1902	Merriam st.	Somerville ave.	Near Charlestown st.	499.0	
1896-'98	Moreland st.	Mystic ave.	Near Heath st.	1,319.9	1902
1907	Myrtle st. (both sides)	Washington st.	Near angle	972.9	$23,417 57
1896	Mystic ave.	Moreland st.	Fremont st.	286.6	
	Mystic ave.	Winthrop ave.	Wheatland st.	714.8	
1906	Nevada ave.	Dane st.	Near Hanson st.	287.0	
1899	Newton st. (north side)	Prospect st.	Concord ave.	1,158.6	
1899	Newton st. (south side)	Webster ave.	Near Concord sq.	605.5	
1901	Norfolk st. (both sides)	Webster ave.	Near Cambridge line	601.4	
1898-'05	North st.	Russell rd.	Conwell ave.	734.3	
1899	Oak st. (both sides)	Prospect st.	Near Cambridge line	2,376.7	
1905	Oliver st. (southerly side)	Franklin st.	West of Glen st.	742.2	
1902-'05	Palmer ave. (both sides)	Franklin st.	City playground	351.9	
1907	Park st. (part both sides)	Beacon st.	Near Somerville ave.	1,708.7	
1886	Parker st.	Old sewer changed to separate	system sewer	240.0	
1896	Passageway off Broadway	Broadway	Southwesterly	221.1	
1902-'06	Pearson rd.	Near Dearborn rd.	Near Broadway	1,569.2	1903
1889	Perry st.	Washington st.	Southerly	325.0	$3,619 10
1902	Poplar st.	Somerville ave.	Joy st.	733.7	
1904	Porter st. (both sides)	Elm st.	Northeasterly	257.0	
1904	Powder Ho. boul. (both sides)	North st.	Near Curtis st.	2,359.0	
1896	Private lands	Medford line	College ave.	421.5	
1896	Private lands	Somerville ave. Met. Con.	Medford st.	175.5	
1898	Private lands	Alewife brook	North st.	405.0	
1905	Private lands	Palmer ave.	Fountain ave.	314.9	
1899	Prospect st.	Somerville ave.	Newton st.	68.4	
1899-'00	Prospect st. (both sides)	Webster ave.	Near Cambridge line	2,056.9	
1898	Raymond ave.	North st.	Southeasterly	1,194.5	
1900	Rogers ave.	Broadway	Near Frederick ave.	962.4	
1904-'05	Russell rd.	Broadway	North st.	1,178.6	1904
1906	Skehan st.	Dane st.	Near Hanson st.	271.1	$6,392 44
1907	Somerville ave.	South side (near E. Camb. line)	North side	40 5	
1901-'07	Somerville ave. (south side)	Union sq.	Malloy ct.	1,728.3	
1896-'05	Somerville ave. (south side)	Opposite Poplar st.	East Cambridge line	2,008.9	
1900	Somerville ave. (south side)	Laurel st.	Opposite Craigie	2,261.7	
1898-'07	Somerville ave. (north side)	Near Cambridge line	Linden ave.	10,207.1	
1899	Springfield st. (both sides)	Concord ave.	Near Cambridge line	1,494.8	
1896	Tannery brook	Clarendon ave.	84 ft. east of Thorndike st.	3,907.9	
1896	Thorndike st.	Howard st.	Southwesterly and northeasterly	251.2	
1901	Tremont st.	Webster ave.	Near Cambridge line	698.6	
1902	Tyler st.	Dane st.	Vine st.	410.3	
1900	Upland park	Broadway	Southwesterly	195.2	
1898	Victoria st.	Woodstock st.	Near Broadway	847.4	
1906	Village st.	Dane st.	Near Vine st.	326.0	1905
1906	Vine st. (south side)	Beacon st.	Near Fitchburg railroad	802.0	$9,033 54
1904	Ware st.	Powder-house boul.	S'w'ly and in Ware st. E. and W.	464.6	
1906	Warner st.	Pearson rd.	Near Bromfield rd.	308.0	
1900-'05	Washington st. (both sides)	Lincoln park	Beacon st.	3,681.4	
1900	Washington st.	South side (near Lincoln park)	North side	48.3	
1902	Washington st. (south side)	Waverly st.	Franklin st.	1,338.0	
1904	Washington st. (south side)	Kingman rd.	Near Fitchburg railroad	243.9	
1907	Washington st. (south side)	Somerville ave.	West of Kingman rd.	457.5	
1907	Washington st.	South side (near Webster av.)	North side	64.2	
1907	Washington st. (north side)	Union sq.	Hawkins st.	372.1	
1906	Washington st. (north side)	Crescent st.	Franklin st.	1,495.0	
1898	Waterhouse st.	Woodstock st.	Near Broadway	791.2	
1902	Watson st.	Broadway	Near Fairmount ave.	212.6	
1902	Waverly st.	Met. Con., at Roland st.	Washington st.	215.9	
1897-'04	Webster ave. (both sides)	Union sq.	Near Cambridge line	4,795.5	
1896	Willow ave.	Broadway	Near Fosket st.	997.9	1906
1896	Wilson ave.	Broadway	Southwesterly	314.8	$15,386 14
1896	Winchester st.	Medford line	Broadway	102.7	
1898	Woodstock st., private lands, and proposed st.	Metropolitan sewer	Garrison ave. Farragut ave.	860.9	1907
1902	Wyatt cir.	Garrison ave.	Westerly	76.9	$14,384 47
1896	Yorktown st.	Wyatt st.	Northeasterly	367.8	
		Cambridge line			
		Total length and cost to January 1, 1908 (23.401 miles)		123,557.0	$210,912.10

COMPILED TABLE SHOWING LENGTH AND COST OF SEPARATE SYSTEM SEWERS CONSTRUCTED TO 1908.

Date of Construction.	Street.	From	To	Length in Feet.	Cost by Years.
1899	Adrian st. (both sides)	Joseph st.	Marion st.	1,203.2	
1902	Allen st.	Old sewer changed to separate	system sewer	643.0	
1896	Ash ave.	Meacham st.	Northeasterly	302.0	
1896	Ash ave.	East Albion st.	Southwesterly	288.5	
1900	Bay State ave.	Mallet st.	Northerly and southerly	448.5	
1900	Bay State ave.	Kidder ave.	Northerly and southerly	518.5	1896
1902	Beach ave.	Columbia st.	Near Webster ave.	186.9	$42,029 39
1902-'05	Beacon st. (northeast side)	Southeast side Washington st.	Stanford ter.	3,089.9	
1903	Beacon st. (southwest side)	Kent st.	Harris st.	1,403.3	
1902	Beckwith circle	Beacon st.	Southwesterly	101.8	
1899	Bolton st. (both sides)	Oak st.	Houghton st.	962.3	
1896-'05	Boston ave.	Medford line	Pritchard ave.	911.0	
1889	Bowdoin st.	Old sewer changed to separate	system sewer	305.0	
1896	Broadway	Boston ave.	Willow ave.	377.3	
1896	Broadway	Winchester st.	Cedar st.	380.0	
1896	Broadway	Cedar st.	Southeasterly	370.5	
1897	Broadway	Willow ave.	Bay State ave.	480.5	
1898	Broadway	Alewife brook	About 70 ft. S. E. Weston ave.	1,847.1	
1905-'06	Bromfield rd.	Near Warner st.	Near Dearborn rd.	1,098.4	1897
1896	Cameron ave.	Seven Pines ave.	Northeasterly	532.0	$573 78
1896	Cedar st.	Broadway	Near Boston & Lowell railroad	412.8	
1906	Chestnut st.	Poplar st.	Southeasterly	519.6	
1900	Clark st. and Lincoln park	Newton st.	Washington st.	1,149.6	
1896-'03	College ave.	Private lands	Near Warner st.	593.0	
1901	Columbia st.	Webster ave.	Near Cambridge line	797.6	
1899	Concord ave. (north side)	Newton st.	Springfield st.	553.8	
1899	Concord ave. (north side)	Prospect st.	Near Concord sq.	510.0	
1899	Concord ave. (south side)	Prospect st.	Springfield st.	986.2	
1900	Conwell ave.	North st.	Near Curtis st.	1,276.6	
1904	Dane ave. (both sides)	Leland st.	Near Dane st.	1,105.5	
1901	Dane st. (east side)	Washington st.	Fitchburg railroad	729.2	
1901	Dane st. (west side)	Washington st.	Tyler st.	997.3	1898
1902	Dearborn rd.	Boston ave.	Near Bromfield rd.	198.5	$28,627 15
1905	Dell st. (northeast side)	Glen st.	Angle near Tufts st.	342.5	
1899	Dickinson st. (both sides)	Springfield st.	Near Cambridge line	1,437.4	
1905	Dickson st.	Broadway	Northerly	211.0	
1896	East Albion st.	Ash ave.	Medford line	648.5	
1906	Elm st. (west side)	Oak sq.	Mossland st.	961.3	
1896	Elmwood st.	Tannery Brook sewer	Southwesterly and northeasterly	634.6	
1903	Elmwood ter.	Elmwood st.	Easterly	201.4	
1898-'02	Endicott ave.	Broadway	Southwesterly	478.0	
1906	Everett st. (north side)	Newton st.	Near Webster ave.	306.7	
1898	Farragut ave.	Woodstock st.	Broadway	957.5	
1905	Fountain ave. (both sides)	Glen st.	Northwesterly	534.4	
1902-'05	Franklin st. (westerly side)	Washington st.	Oliver st.	785.9	1899
1887	Fremont ave.	Old sewer changed to separate	system sewer	89.0	$15,931 52
1896	Fremont st.	Mystic ave.	Near East Albion st.	234.8	
1896	Fremont st.	East Albion st.	Main st.	1,229.5	
1898	Garrison ave.	Proposed st.	Near Broadway	828.5	
1905	Glen st. (southeast side)	Fountain ave.	Dell st.	124.8	
1896	Glendale ave.	Yorktown st.	Near Cameron ave.	334.1	
1896	Gorham st.	Howard st.	Northeasterly	569.6	
1896	Hanson ave.	Old sewer changed to separate	system sewer	226.8	
1901	Hanson st.	Washington st.	Near Vine st.	733.6	
1905	Harris st.	Beacon st.	Southwesterly	125.5	
1902	Harrison st.	Elmwood st.	Southeasterly	194.0	
1906	Harrison st. (both sides)	Ivaloo st	Kent st.	1,309.2	
1907	Hawkins st. (east side)	Washington st.	Lake st.	150.0	
1899	Houghton st. (both sides)	Springfield st.	Near Cambridge line	992.1	1900
1906	Ivaloo st. (north side)	Beacon st.	Harrison st.	397.8	$39,427 69
1896	Jay st.	Howard st.	Northeasterly	329.9	
1899-'05	Joseph st. (both sides)	Newton st.	Near Lincoln park	804.7	
1900	Josephine ave.	Broadway	South of Frederick ave.	1,301.5	
1906	Kent st. (both sides)	Beacon st.	(n. w. side) near R. R. (s. e. side) Harrison st.	483.7	
1900	Kidder ave.	Lowden ave.	Bay State ave.	226.0	
1907	Lake st. (south side)	Hawkins st.	Church st.	888.3	
1907	Lake st. (north side)	Hawkins st.	Carlton st.	669.8	
1902	Laurel st.	Somerville ave.	Park pl.	239.2	
1904	Leland st.	Washington st.	Dane ave.	393.0	
1905	Lincoln parkway (south side)	Joseph st.	Westerly	382.0	
1902	Linden st.	Somerville ave.	Near Charlestown st.	598.3	
1902-'06	Linwood st. (both sides)	Near Somerville ave.	Near Washington st.	2,798.5	
1900	Lowden ave.	Broadway	Near Fosket st.	1,189.6	1901
1902	Main st.	Fremont st.	Near Moreland st.	180.7	$11,489 31
1900	Mallet st.	Lowden ave.	Bay State ave.	240.0	

1902	Main st.	Fremont st.	Near Moreland st.	180.7	$11,489 31
1900	Mallet st.	Lowden ave.	Bay State ave.	240.0	
1896	Malvern ave.	Yorktown st.	Near Cameron ave.	333.5	
1903	Maple st.	Old sewer changed to separate	system sewer	598.0	
1899	Marion st.	Wyatt st.	Near Concord ave.	917.0	
1902	Marion st. (west of Wyatt st.)	Old sewer changed to separate	system sewer	194.0	
1907	Marion st.	End of above	Near Dimick st.	376.1	
1896	Meacham st.	Moreland st.	Ash ave.	215.7	
1896	Meacham st.	Fremont st.	Medford line	141.5	
1901	Meacham st.	Moreland st.	Near Fremont st.	206.0	
1896	Medford st.	N. P. & P. Co.'s drive	N. E. D. M. & W. Co.'s drive	96.3	
1906	Medford st. (both sides)	Somerville ave.	Washington st.	1,992.9	
1902	Merriam st.	Somerville ave.	Near Charlestown st.	499.0	
1896-'98	Moreland st.	Mystic ave.	Near Heath st.	1,319.9	1902
1907	Myrtle st. (both sides)	Washington st.	Near angle	972.9	$23,417 57
1896	Mystic ave.	Moreland st.	Fremont st.	286.6	
	Mystic ave.	Winthrop ave.	Wheatland st.	714.8	
1906	Nevada ave.	Dane st.	Near Hanson st.	287.0	
1899	Newton st. (north side)	Prospect st.	Concord ave.	1,158.6	
1899	Newton st. (south side)	Webster ave.	Near Concord sq.	605.5	
1901	Norfolk st. (both sides)	Webster ave.	Near Cambridge line	601.4	
1898-'05	North st.	Russell rd.	Conwell ave.	734.3	
1899	Oak st. (both sides)	Prospect st.	Near Cambridge line	2,376.7	
1905	Oliver st. (southerly side)	Franklin st.	West of Glen st.	742.2	
1902-'05	Palmer ave. (both sides)	Franklin st.	City playground	351.9	
1907	Park st. (part both sides)	Beacon st.	Near Somerville ave.	1,708.7	
1886	Parker st.	Old sewer changed to separate	system sewer	240.0	
1896	Passageway off Broadway	Broadway	Southwesterly	221.1	
1902-'06	Pearson rd.	Near Dearborn rd.	Near Broadway	1,569.2	1903
1889	Perry st.	Washington st.	Southerly	325.0	$3,619 10
1902	Poplar st.	Somerville ave.	Joy st.	733.7	
1904	Porter st. (both sides)	Elm st.	Northeasterly	257.0	
1904	Powder Ho. boul. (both sides)	North st.	Near Curtis st.	2,359.0	
1896	Private lands	Medford line	College ave.	421.5	
1896	Private lands	Somerville ave. Met. Con.	Medford st.	175.5	
1898	Private lands	Alewife brook	North st.	405.0	
1905	Private lands	Palmer ave.	Fountain ave.	314.9	
1899	Prospect st.	Somerville ave.	Newton st.	68.4	
1899-'00	Prospect st. (both sides)	Webster ave.	Near Cambridge line	2,056.9	
1898	Raymond ave.	North st.	Southeasterly	1,194.5	
1900	Rogers ave.	Broadway	Near Frederick ave.	962.4	
1904-'05	Russell rd.	Broadway	North st.	1,178.6	1904
1906	Skehan st.	Dane st.	Near Hanson st.	271.1	$6,392 44
1907	Somerville ave.	South side (near E. Camb. line)	North side	40.5	
1901-'07	Somerville ave. (south side)	Union sq.	Malloy ct.	1,728.3	
1896-'05	Somerville ave. (south side)	Opposite Poplar st.	East Cambridge line	2,008.9	
1900	Somerville ave. (south side)	Laurel st.	Opposite Craigie	2,261.7	
1898-'07	Somerville ave. (north side)	Near Cambridge line	Linden ave.	10,207.1	
1899	Springfield st. (both sides)	Concord ave.	Near Cambridge line	1,494.8	
1896	Tannery brook	Clarendon ave.	84 ft. east of Thorndike st.	3,907.9	
1896	Thorndike st.	Howard st.	Southwesterly and northeasterly	251.2	
1901	Tremont st.	Webster ave.	Near Cambridge line	638.6	
1902	Tyler st.	Dane st.	Vine st.	410.8	
1900	Upland park	Broadway	Southwesterly	195.2	
1898	Victoria st.	Woodstock st.	Near Broadway	847.4	
1906	Village st.	Dane st.	Near Vine st.	326.0	1905
1906	Vine st. (south side)	Beacon st.	Near Fitchburg railroad	802.0	$9,633 54
1904	Ware st.	Powder-house boul.	S'w'ly and in Ware st. E. and W.	464.6	
1906	Warner st.	Pearson rd.	Near Bromfield rd.	308.0	
1900-'05	Washington st. (both sides)	Lincoln park	Beacon st.	3,681.4	
1900	Washington st.	South side (near Lincoln park)	North side	48.3	
1902	Washington st. (south side)	Waverly st.	Franklin st.	1,338.0	
1904	Washington st. (south side)	Kingman rd.	Near Fitchburg railroad	243.9	
1907	Washington st. (south side)	Somerville ave.	West of Kingman rd.	457.5	
1907	Washington st.	South side (near Webster av.)	North side	64.2	
1907	Washington st. (north side)	Union sq.	Hawkins st.	372.1	
1906	Washington st. (north side)	Crescent st.	Franklin st.	1,495.0	
1898	Waterhouse st.	Woodstock st.	Near Broadway	791.2	
1902	Watson st.	Broadway	Near Fairmount ave.	212.6	
1902	Waverly st.	Met. Con., at Roland st.	Washington st.	215.9	
1897-'04	Webster ave. (both sides)	Union sq.	Near Cambridge line	4,795.5	
1896	Willow ave.	Broadway	Near Fosket st.	997.9	1906
1896	Wilson ave.	Broadway	Southwesterly	314.8	$15,386 14
1896	Winchester st.	Medford line	Broadway	102.7	
1898	Woodstock st., private lands, and proposed st.	Metropolitan sewer	Garrison ave.	860.9	1907
		Garrison ave.	Farragut ave.		
1902	Wyatt cir.	Wyatt st.	Westerly	76.9	$14,384 47
1896	Yorktown st.	Cambridge line	Northeasterly	367.8	
		Total length and cost to January 1, 1908 (23.401 miles)		123,557.0	$210,912.10

COMPILED TABLE SHOWING LENGTH AND COST OF STORM DRAINS CONSTRUCTED TO 1908.

Date of Construction.	District Benefited.	From	To	Length in Feet.	Cost.
	East Somerville District:				
1902	Boston & Maine R. R. (marsh land)	Middlesex ave.	Mystic river	1,108.0	By B. & M. R. R.
1902-'03	Middlesex ave. (tidegate chamber)	Winthrop ave. extension	B. & M. railroad land	24.0	$2,988 60
1903	Middlesex av. & Winthrop av. ext'n	B. & M. land on Middlesex ave.	Mystic ave.	880.4	17,596 35
1900-'03	Mystic ave. and Winthrop ave.	Bell Mouth chamber		58.2	2,470 82
1897	Mystic ave.	Winthrop ave.	Wheatland st.	726.0	7,569 17
1897	Winthrop ave.	Mystic ave.	Broadway	1,268.0	19,241 53
1898	W'nth'p av. (including Bell Mouth)	End of drain built in 1897	Broadway	25.7	755 67
1898	Broadway	Winthrop ave.	Sargent ave.	1,648.6	14,566 77
1898	Sargent ave.	Broadway	Sherman ct.		
1898	Sherman ct.	Sargent ave.	Marshall st		
1898	Marshall st.	Sherman ct.	Gilman sq.	2,126.1	20,900 26
1898	Gilman sq.	Marshall st.	Medford st.		
1898	Medford st.	Gilman sq.	School st.		
1900	School st.	Medford st.	Richdale ave.	451.0	532 37
1900	Richdale ave.	School st.	Northwest of Essex st.		
1898	Broadway	Winthrop ave.	Cross st.	1,877.5	15,741 27
1898	Cross st.	Broadway	Pearl st.		
1899	Otis st.	Cross st.	Westerly	375.0	174 55
	Lowell Railroad Valley District:				
1902	Murray st.	Washington st.	Southerly	140.0	125 21
1896-'99	Private lands (west of Lowell st.)	Lex. & Arl. Branch railroad	Hudson st.	865.0	1,853 46
1904	Lowell st.	Albion st.	Hudson st.	246.0	140 90
1903	Vernon st.	Glenwood road	Trull st.	372.0	531 42
1907	City Farm st. and Sumner st.	Lowell railroad (near Cedar st.)	Hinckley st.	998.0	1,013 41
	Somerville Avenue District:				
1903	Maple st.	Poplar st.	Near Medford st.	608.5	625 64
1902	Linden st.	Old sewer changed to storm	drain	626.0	. . . .
1902	Merriam st.	Old sewer changed to storm	drain	547.0	. . . .
1902	Allen st.	Somerville ave.	Near Charlestown st.	557.0	1,080 23
1902	Prospect Hill parkway	Columbus ave.	Northerly	262.0	343 72
1898	Union sq.	Washington st.	Bow st.		
1898	Bow st.	Union sq.	Summer st.	2,080.8	18,259 94
1898	Summer st.	Bow st.	School st.		
1899	School st.	Summer st.	Berkeley st.	438.0	981 90
1904	Vine st.	Somerville ave.	Southwesterly	130.0	222 78
1901	Somerville ave.	Spring st.	Lowell st.	705.0	1,432 96
1901-'04	Cedar st.	Southwest of Sartwell ave.	Highland ave.	1,443.2	5,428 96
	North Somerville District:				
1907	Two Penny brook	Pearson rd. (east side)	College ave. (west side)	690.3	6,848 34
1905	Pearson rd.	Two Penny brook	Broadway	1,775.1	6,630 35
1905	Broadway	Pearson rd.	Boston ave.		
1904	Broadway	Josephine ave.	Boston & Lowell railroad	504.0	692 54
1906	Broadway, connecting Rogers, Wil	low, Josephine, and Lowden aves.	with Broadway storm-drain	220.9	400 95
1907	Lowden ave.	Broadway	Kidder ave.	979.9	
1907	Kidder ave.	Lowden ave.	Bay State ave.	219.0	2,494 07
1907	Mallet st.	Lowden ave.	Bay State ave.	224.5	
1907	Bay State ave.	Mallet st.	Northerly	118.0	
	Tannery Brook Valley District:				
1898-'03	Tannery Brook drain (in Camb.)	Near Alewife brook	Clarendon ave.	657.3	2,533 73
1896	Tannery Brook drain	Clarendon ave. (in Cambridge)	Davis sq.	3,144.0	*31,942 76
1901	Lex. & Arl. Branch R. R. location	Holland st.	Willow ave. & Morrison ave.	2,135.2	10,031 61
1904	Yorktown st.	Tannery Brook drain	Glendale ave.	251.0	149 73
1896	Cameron ave.	Tannery Brook drain	Northerly	170.0	115 72
1904	Cameron ave.	Tannery Brook drain	Mead st.	614.5	1,726 89
1896	Gorham st.	Tannery Brook drain	Northerly	285.0	196 24
1896	Jay st.	Tannery Brook drain	Northerly	155.0	87 38
1898	Day st.	Davis sq.	Westerly	318.2	360 90
	Total length and cost (6.273 miles)			33,118.9	$198,789 10

*Land damages excepted.

Compiled Table Showing Various Forms and Sizes, Materials of Construction and Lengths of the City's Drainage System.

Size in Inches.	Pipe, Feet.	Brick, Feet.	Brick, Stone, Feet.	Brick, Concrete, Feet.	Wood, Feet.	Wood, Brick, Feet.	Stone, Concrete, Feet.	Concrete, Feet.	Stone, Feet.	Iron, Pipe, Feet.
6	6,802									
8	123,168.9									100
9	258									
10	60,318.7									40
10 x 12			190							
12	117,241.2		290							
12 x 12			335							
12 x 14			198							
13 x 16			426							
15	17,025.9	17,466								
14 x 18			500							
13½ x 20		1,762								
16										126
16 x 16			578							
15 x 20		380	875							
15 x 22		250								
15 x 22½		250								
18	4,619	18,853	908							
16 x 21		462								
16 x 22			1,200							
17 x 17			289							
17 x 21			230							
16 x 24		851								
17 x 24		17,204								
20	4,183	10,121								
17 x 26		1,258								
18 x 24		134								
18 x 27		1,051								
20 x 24		313								
19 x 26		600								
24	9,474	13,249	556							
20 x 30		1,889								
24 x 28		5,417								
26		1,703								
22 x 33		5,071								
24 x 30		63							700	
28		1,918								
30	1,386	5,240			65					
24 x 36		2,645								
26 x 39		2,623								
36		8,011								
36 x 38		2,803								
30 x 45		2,873								
35 x 44		727								
40		618								
36 x 48									370	
42		4,666								
39 x 52		444								
48		7,686								
50		725								
48 x 52				1,468						
42 x 60				432.9		471				
51		1,326								
48 x 60				642						
54		1,899								
56		1,174								
42 x 72				257.4						
60		926				872				
62		732								
48 to 84							657			
48 x 84				848						
66		1,902								
48 x 86				187						
72		1,487								
84		1,219								
78 x 78					1,108					
85 x 90		1,267								
96		1,165								
90 x 120								900		
104¾ x 111		12								
132 x 132		20								
Totals	344,486.7	152,455	6,575	3,835.3	1,173	1,343	657	900	1,070	266

Total length of the city drainage system, January 1, 1908, 512,761.0 feet, or 97.114 miles.

present time, the prevailing conditions being far different from what existed some thirty years ago, when the division of the cost was established.

A special act of the legislature in 1903 authorized the cities of Somerville and Cambridge and the towns of Arlington and Belmont to unite in improving the sanitary condition of Alewife brook within the limits of the referred-to cities and towns, and after considerable preliminary work had been done, it was deemed advisable to suspend operations, as another act was passed by the legislature in 1904 whereby, in conjunction with the Metropolitan Park Commission, the entire length of Alewife brook, together with upper Mystic river in Medford, might be improved far more extensively than at first proposed by the cities and towns originally interested in the matter. A lengthy report has been published by the state authorities showing the existing conditions, and some construction work has been done, but the brook remains in the same unimproved condition.

Following tables show itemized cost of sewers constructed in 1907; sewers constructed on the "separate system"; storm drains constructed; size and materials of construction of the city's entire drainage system:—

Sewers Maintenance Account.

STATEMENT OF EXPENSES, 1907.

Maintenance of sewers, including cleaning and flushing (97 miles)	$2,507 60	
Maintenance of catch basins, cleaning and flushing (1,463)	6,798 80	
Changing line and grade and repairing catch basins	661 45	
Changing line and grade and repairing manholes	596 08	
Repairing old sewers	433 83	
Inspection and location of house drains	310 08	
New tools and supplies	253 86	
Repairs of tools and property	97 62	
Sundry expenses, car fares, telephone, books, etc.	95 07	
Maintenance of sewer department yards and buildings	327 00	
Work and materials furnished other departments and companies	242 35	
Total debit		$12,323 74
CREDIT.		
Appropriation	$12,000 00	
Amounts received from other departments and companies, labor, materials furnished	242 35	
Total credit		$12,242 35
Amount overdrawn		$81 39
Value of tools and property on hand used in maintenance of sewers	$907 00	

A permanent force of men and teams are kept continually at work flushing, cleaning, and repairing the city's drainage system, the expense necessarily increasing yearly as lengths of sewers, drains, and catch basins are added to the system.

About 9,000 cubic yards of deposit have been removed from the catch basins and sewers during the year, and the average cost per mile for this cleaning and maintaining has amounted to $95.83.

Ninety-five catch basins and one hundred and five manholes have been repaired and grade or line changed.

A number of repairs have been made on some of the old sewers, alterations made in the outlets, and overflows and extra manholes built for the purpose of improving the system.

Three hundred and eighteen permits have been issued to licensed drain layers for connecting buildings with the main sewers, ninety-one being for repairs or alterations; all of the

work being done under the supervision of the city's inspector. There are to date about 13,658 private drain connections with the city's drainage system.

During the year the sewer department has done considerable miscellaneous work for other city departments and outside companies where alterations and new construction work has been required, furnishing materials and labor, and being reimbursed for the same to the amount of $242.35.

Two old private sewers have been released to the city; namely, in Sumner street and a portion of Dana street, and will be maintained in the future by the city.

PUBLIC GROUNDS DEPARTMENT.

At the present time there are seventeen separate parcels of land located in all parts of Somerville, used for parks and playgrounds, amounting to 62.6 acres, and also a boulevard about one and one-third miles in length maintained by the city; included in this total area are playgrounds where the land is owned by private parties and leased to the city, for use, in the following localities: On Winthrop avenue (Fellsway east), two and one-half acres; Knowlton street, one and one-half acres; the Broadway athletic field in West Somerville, 4.4 acres; and the cemetery lot, .7 acre.

By orders passed by the board of aldermen, the College-avenue playgrounds have been transferred from the Public Grounds department for use of a branch public library building, to be built from the Carnegie fund.

The old Harvard school lot has been added to the Public Grounds department, and a strip in the centre of Broadway, between the Charlestown line and Fellsway (east) has been reserved as a parkway. The portion of this reserved space between the double car tracks is to be loamed and shrubbery planted the coming year.

There are a number of vacant lots in the city, owned by private parties, large enough for the purpose of establishing recreation grounds and breathing spaces, which undoubtedly could be obtained for short term leases by payment of the taxes to the owner of the property, and be of great benefit to a large number of children in the congested parts of the city.

The larger areas, Broadway, Central hill, Prospect hill, Lincoln and Tufts parks, have been policed by regular officers from the police department, when required, the expense being paid from the police appropriation, trees and shrubs added to the various grounds, and bulbs, plants, and flowers furnished in their seasons, and during the winter time ponds flooded for skating when the weather was favorable.

Seven fields have been maintained for baseball and three for football playing, and have been constantly in use by the many athletic teams, the games being arranged for and scheduled on the various grounds throughout the season. An outdoor gymnasium, two bicycle and running tracks, and three tennis courts have been maintained, and are a source of much enjoyment for a large number of people.

The westerly end of Lincoln park has been filled and graded to the same elevation as the rest of the playground, and this area has been laid out and maintained as another ball field. A new entrance has been made and flight of steps constructed leading from Washington-street bridge into the park, and the roadway of Lincoln parkway re-macadamized, and a new brick sidewalk laid on the Perry-street side of this park. A swimming pool having

an area of not over 4,000 square feet could be constructed with a concrete bottom and side walls at a small cost, and would be a source of much enjoyment and beneficial to a very large number of children in the immediate vicinity of Lincoln park.

On Central-hill park many of the concrete walks should be re-constructed and new ones added. A contract has been executed with Augustus Lukeman, sculptor, of New York, for the erection of a soldiers' monument costing $20,000, to be placed on Central hill and completed in the fall of 1908.

The granite curbing around the pond in Broadway park should be re-set.

Two baseball and football fields have been maintained on the playground located at the corner of Broadway and Cedar street.

As an experiment, "Asphaltoilene" has been applied on the macadam surface of a section of Powder-house boulevard, and on Prospect-hill parkway "Terracolio" has been applied.

At the annual Thanksgiving day football game between teams representing the Somerville and Cambridge high schools, played on the enclosed athletic field, West Somerville, there were about 6,500 people in attendance, and as an admission is charged by the Somerville High School Association at their contests, a portion of the cost of maintaining this field has been paid by the association, amounting to $143.80 for the years 1906-1907.

This athletic field is on leased land belonging to Tufts College, and in accordance with the terms of agreement, the city has the use of this area until July 1, 1911, unless terminated earlier. Notice of such termination was received during the past year, accompanied by a plan showing the field laid out into streets and building lots, but no definite action has been taken as yet.

If the city is to maintain an athletic field in the future, some provision should be made previous to the termination of the present lease whereby a permanent enclosed area, owned by the city, will be ready for use. The present city ledge property, located in West Somerville, situated between Holland street and Broadway, is of sufficient size and a suitable location for this purpose, and could be laid out and constructed, with ornamental fences of re-enforced concrete on the street and boundary lines, making an athletic field unsurpassed by any in this vicinity. A portion of this construction work might be done each year, until completed, by making small appropriations yearly.

The city's assessment for Metropolitan parks and boulevards for the year 1907 amounted to $18,253.61 on construction account, and $9,887.30 being the proportional cost for maintaining the same; in addition to this, the city's special assessment for the newly-constructed Wellington bridge, across Mystic river on the line of the Metropolitan parkway, amounted to $5,564.98 on construction account, and $284.77 for maintenance. Somerville pays a separate assessment, together with four other cities, of twelve and one-half per cent. of the cost of construction and

maintenance of this new bridge, besides the proportional part of the Metropolitan park district assessment. The total of the above assessments amount to $33,990.66, being Somerville's proportional payment to the state on account of the Metropolitan park system for the year 1907; less an over-charge in 1906 of $2,112.35. The length of the state boulevard at present constructed in this city consists of seven-tenths of a mile of double roadway, located in the easterly part of the city, and extending between Broadway and Mystic river.

Whenever the plan of sanitary improvement is carried out along the line of Alewife brook, on the northwesterly boundary of Somerville, a boulevard could be constructed along the banks of this brook at small expense, connecting Massachusetts avenue in Cambridge with the city's Powder-house boulevard, which would improve the general conditions in this section of the city, and enhance the value of surrounding property.

Maintenance Account (Public Grounds).

STATEMENT OF EXPENSES.

Broadway Park (15.9 acres):—		
Maintenance of grounds and general care of property, labor and teams	$1,300 49	
Tools and supplies	36 17	
Repairing tools and property	38 57	
Plants, flowers, bulbs, trees, and shrubs	137 36	
		$1,512 59
Broadway Parkway (2.0 acres, Grant street to Boston line):—		
Maintenance of grounds, labor	114 81	
Plants, flowers, trees, etc.	106 00	
		220 81
Central Hill Park (13.1 acres):—		
Maintenance of grounds and general care of property, labor, and teams	$1,135 45	
Tools and supplies	41 37	
Repairing tools and property	64 55	
Plants, flowers, bulbs, trees, and shrubs,	610 21	
		1,851 58
Prospect Hill Park (2.6 acres):—		
Maintenance of grounds, labor, and teams	$1,145 53	
Tools and supplies	74 54	
Repairing tools and property	102 16	
Trees and shrubs	8 75	
		1,330 98
Lincoln Park (8.3 acres):—		
Maintenance of grounds and general care of property, labor and teams	$1,094 11	
Tools and supplies	117 17	
Repairing tools and property	101 39	
Plants, flowers, bulbs, etc.	56 20	
		1,368 87

Constructing new ball field	$553 86	
Re-macadamizing roadway	253 41	
Constructing new entrance and steps, Washington street	100 76	
		$908 03
Tufts Park (4.5 acres):—		
Maintenance of grounds and general care of property, labor and teams	$811 85	
Tools and supplies	42 20	
Repairing tools and property	5 08	
Plants, flowers, bulbs, trees, and shrubs	165 15	
		1,024 28
Paul Revere Park:—		
Maintenance of grounds, labor		16 00
Broadway Athletic Field, Tufts College land (4.4 acres, leased):—		
Maintenance of grounds and care of property, labor and teams	$552 20	
Tools and supplies	25 29	
Repairing property, fence, seats, and building	142 47	
		719 96
Playgrounds, Glen street, corner Oliver street (0.9 acres + 1.5 acres leased):—		
Maintenance of grounds, labor	$26 74	
Rent of land used for playground	98 82	
Repairing property	4 50	
		130 06
Playgrounds, Poplar street, corner Joy street (0.4 acre):—		
Maintenance of grounds, labor	$10 00	
Repairing fence	3 92	
		13 92
Playgrounds, Webster avenue, near Cambridge line (0.2 acre):—		
Maintenance of grounds, labor		10 00
Playgrounds, Beacon street, near Washington street (0.2 acre):—		
Maintenance of grounds, labor		24 50
Grading grounds	$97 25	
Building fence	32 39	
Settees	30 00	
		159 64
Playgrounds, Winthrop avenue (Fellsway east) (2.5 acres leased):—		
Maintenance of grounds, labor		37 87
Playgrounds, Somerville avenue, corner Kent street (0.8 acre):—		
Maintenance of grounds, labor	$13 50	
Repairing property	30 20	
		43 70
Playgrounds, Belmont street, near Summer street (0.4 acre):—		
Maintenance of grounds, labor	$62 08	
Sidewalk assessment	48 72	
Plants, flowers, bulbs, trees, and shrubs	72 35	
		183 15

Playgrounds, Broadway, corner Cedar street (4.2 acres):—		
Maintenance of grounds, labor and teams,	$330 62	
Constructing new ball field	238 12	
Shrubs for slopes	21 40	
Tools and supplies	14 26	
		604 40
Playgrounds, College avenue, opposite Morrison avenue (0.4 acre):—		
Maintenance of grounds, labor	$20 25	
Repairing fences	24 31	
		44 56
Cemetery, Somerville avenue (0.7 acre):—		
Maintenance of grounds, labor	$70 38	
Drainage of grounds	47 86	
		118 24
Powder House Boulevard (1 1-3 miles long):—		
Maintenance of roadway, walks and grassplots, labor and teams	$343 44	
Trees	50 84	
Improvement of roadway with "Asphaltoilene"	174 82	
		569 10
Incidentals		47 50
Total expenditure, maintenance (62.6 acres) 53.5 acres city property + 8.4 acres leased land, 0.7 cemetery and 1.36 miles of boulevard and 0.54 miles parkway—roads		$10,939 74
CREDIT.		
Appropriation	$10,700 00	
Received from High School Athletic Association, repairing seats and fence, 1906 ($64.19), 1907 ($79.61)	143 80	
Received from Boston Elevated Railway Company, partial maintenance Broadway parkway, 1907	50 00	
Received from other departments	22 50	
Total credit		$10,916 30
Overdrawn		$23 44
Value of tools and property used in maintenance of grounds		$1,500 00

APPENDED TABLE.

Following this report is a table giving names of all streets in the city, public and private, lengths, widths, and the total mileage; in the 1901 report a table was given showing the location and names of public squares in the city, and in the 1898 report old names of certain streets as formerly known.

Respectfully submitted,

ERNEST W. BAILEY,
City Engineer.

TABLE SHOWING THE LOCATION, LENGTH AND WIDTH OF PUBLIC AND PRIVATE STREETS.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Abdell pl.	Somerville ave.	Southwesterly	Private.	25	....	203
Aberdeen road	Cedar st.	Highland ave.	Private.	40	....	411
Aberdeen road ext.	Angle	Westerly	Private.	30	...	67
Adams	Broadway	Medford st.	Public.	40	907	....
Addison pl.	Somerville ave.	Southwesterly	Private.	20	....	150
Adrian	Marion st.	Joseph st.	Public.	40	579	....
Albion pl.	Albion st.	Northeasterly	Private.	10	....	166
Albion ct.	Albion st.	Southwesterly	Private.	16	....	116
Albion	Central st.	Cedar st.	Public.	40	2,742	....
Albion	Broadway	Medford line	Private.	50	....	100
Albion ter.	Albion st.	Southwesterly	Private.	25	....	100
Aldersey	Walnut st.	Vinal ave.	Public.	40	508	....
Aldrich	Pearl st.	B. & L. R. R.	Public.	40	611	....
Alfred	Broadway	Medford line	Private.	50	....	50
Allen	Somerville ave.	Charlestown st.	Private.	25	....	680
Allen ct.	Park st.	Northwesterly	Private.	20	....	150
Alpine	Cedar st.	Southeasterly	Public.	30	667	....
Alpine	Alpine st.	Lowell st.	Public.	40	688	....
Alston	Cross st.	Shawmut pl.	Public.	40	567	....
Ames	Bartlett st.	Robinson st.	Public.	40	580	....
Appleton	Willow ave.	Clifton st.	Public.	40	548	....
Appleton	Clifton st.	Liberty ave.	Public.	40	120	....
Arlington	Franklin st.	Lincoln st.	Public.	40	452	....
Arnold ave.	Porter st.	Southeasterly	Private.	15	....	127
Arnold ct.	Beacon st.	Northeasterly	Private.	10	....	115
Arthur ct.	Linden st.	Easterly	Private.	about 10	....	100
Arthur	Broadway	Bonair st.	Public.	40	438	....
Ash ave.	Meacham st.	East Albion st.	Public.	40	554	....
Ash ave.	East Albion st.	Northeasterly	Private.	40	....	151
Ashland	Summer st.	Sartwell ave.	Public.	30	478	....
Atherton	Central st.	Beech st.	Public.	40	264	....
Auburn ave.	Cross st.	B. & L. R. R.	Private.	30	....	600
Austin	Broadway	Mystic ave.	Public.	40	716	....
Autumn	Broadway	Bonair st.	Public.	20	408	....
Avon	School st.	Central st.	Public.	40	1,360	....
Avon pl.	Cross st.	B. & L. R. R.	Private.	25	....	150
Banks	Elm st.	Summer st.	Public.	40	639	....
Bartlett	Vernon st.	Broadway	Public.	40	1,550	...
Bartlett	Washington st.	Southerly	Private.	20	...	200
Barton	Broadway	Russell road.	Private.	40	....	382
Bay State ave.	Broadway	Fosket st.	Public.	40	1,237	....
Beach ave.	Webster ave.	Columbia st.	Private.	about 20	....	200
Beacon pl.	Beacon st.	Northeasterly	Private.	15	....	200
Beacon	Cambridge line	Somerville ave.	Public.	66	6,007	....
Beacon ter.	Somerville ave.	Northeasterly	Private.	24	....	110
Bean's ct.	Cutter st.	Southeasterly	Private.	16	....	100
Beckwith circle	Beacon st.	Southwesterly	Private.	20	....	120
Bedford	South st.	Cambridge line	Public.	30	165	....
Beech	Somerville ave.	Spring st.	Public.	40	800	....
Bellevue ter.	Albion st.	Northeasterly	Private.	20	....	90
Belknap	Broadway	Russell road.	Private.	40	....	449
Belmont	Somerville ave.	Highland ave.	Public.	40	2,192	....
Belmont pl.	Belmont st.	Southeasterly	Private.	25	....	175
Belmont ter.	Belmont st.	Easterly	Private.	15	....	137
Benedict ave.	Broadway	Benedict st.	Private.	20	....	200
Benedict	Union st.	Austin st.	Public.	40	585	....
Bennett ct.	Bennett st.	Prospect st.	Private.	10	....	100
Bennett	Prospect st.	Bennett ct.	Private.	40 to 25	....	400
Benton road	Summer st.	Hudson st.	Public.	40	1,208	....
Berkeley	School st.	Central st.	Public.	40	1,360	....
Berwick	Lawrence st.	Northwesterly	Private.	20	....	170
Bigelow	Boston st.	Munroe st.	Public.	50	208	....
Billingham	Broadway	William st.	Public.	40	563	....
Bishop's pl.	Glen st.	Easterly	Private.	10	....	75
Blakeley ave.	Fellsway east	Cross st.	Private.	40	....	630
Bleachery ct.	Somerville ave.	Fitchburg R. R.	Private.	30	....	450
Bolton	Oak st.	Houghton st.	Public.	40	476	....
Bonair	Cross st.	Walnut st.	Public.	40	1,535	....
Bond	Broadway	Jaques st.	Public.	40	655	....

Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Bonner ave.	Washington st.	Columbus ave.	Public.	40	376	....
Boston ave.	Medford line	Mystic river	Public.	60	915	....
Boston ave.	Broadway	Medford line	Public.	50	80	....
Boston ave.	Broadway	Highland road	Public.	65	287	....
Boston ave.	Highland road	Pritchard ave.	Public.	50	509	....
Boston ave.	Pritchard ave.	Easterly to angle in st.	Private.	50	....	146
Boston ave.	Angle in st. south'ly	Morrison ave.	Private.	40	....	1,025
Boston	Washington st.	Prospect Hill ave.	Public.	45	640	....
Boston	Prospect Hill av.	Walnut st.	Public.	40	1,242	....
Bow	Union sq.	Wesley sq.	Public.	60	658	....
Bow	Wesley sq.	Somerville ave.	Public.	50	570	....
Bowdoin	Washington st.	Lincoln park	Public.	40	341	....
Bowers ave.	Cottage ave.	Elm st.	Private.	24	....	288
Bow St. pl.	Bow st.	Northwesterly	Private.	40	....	300
Bradford ave.	School st.	Southeasterly	Private.	40	....	150
Bradley	Pearl st.	Walter st.	Public.	40	762	....
Brastow ave.	Lowell st.	Porter st.	Public.	40	686	....
Bristol road	Broadway	Medford line	Private.	40	....	9
Broadway	Charlestown line	Cross st.	Public.	100	2,590	....
Broadway	Cross st.	Marshall st.	Public.	100 to 200	2,060	....
Broadway	Marshall st.	Main st.	Public.	100	1,570	....
Broadway	Main st.	Top of hill	Public.	100 to 90	1,030	....
Broadway	Top of hill	Albion st.	Public.	90	2,540	....
Broadway	Albion st.	Willow ave.	Public.	90 to 70	1,030	....
Broadway	Willow ave.	Paulina st.	Public.	70	3,250	....
Broadway	Paulina st.	Arlington line	Public.	65-60-65	3,220	....
Broadway pl.	Broadway	Southwesterly	Private.	22	....	250
Bromfield road	Warner st.	Dearborn road	Private.	40	....	1,260
Brook	Glen st.	Cross st.	Public.	40	504	....
Browning road	Sycamore st.	Central st.	Public.	40	679	....
Buckingham	Beacon st.	Dimick st.	Public.	40	292	....
Burnside ave.	Elm st.	Summer st.	Public.	40	720	....
Caldwell ave.	Washington st.	Southerly	Private.	20	....	210
Calvin	Beacon st.	Dimick st.	Public.	40	263	....
Calvin	Dimick st.	Washington st.	Public.	30	392	....
Cambria	Central st.	Benton road	Public.	40	488	....
Cameron ave.	Holland st.	Cambridge line	Public.	60	1,065	....
Campbell pk.	Meacham rd.	Kingston st.	Public.	40	399	....
Campbell Pk. pl.	Kingston st.	Arlington Br. R.R.	Private.	20	....	84
Carlton	Somerville ave.	Lake st.	Public.	40	300	....
Carver	Porter st.	Northwesterly	Private.	40	....	156
Cedar ave.	Cedar st.	Linden ave.	Private.	22	....	290
Cedar ct.	Cedar st.	Southeasterly	Private.	15+	....	70+
Cedar St. pl.	Murdock st.	Southwesterly	Private.	20	....	220
Cedar St. pl.	Cedar n'r Elm st.	Southeasterly	Private.	12+	....	80+
Cedar	Elm st.	Broadway	Public.	40	4,137	....
Central	Somerville ave.	Summer st.	Public.	33	1,043	....
Central	Summer st.	Medford st.	Public.	40	2,539	....
Central	Medford st.	Broadway	Public.	45	1,079	....
Centre	Albion st.	B. & L. R. R.	Private.	35	....	200
Chandler	Park ave.	Broadway	Public.	40	1,232	....
Chapel	College ave.	Chandler st.	Public.	40	273	....
Chapel ct.	Sycamore st.	Northwesterly	Private.	12	....	130
Charles	Washington st.	Southerly	Public.	30	166	....
Charlestown	Allen st.	Easterly	Private.	15	....	400
Charnwood road	Willow ave.	Hancock st.	Public.	40	589	....
*Chelsea	Mystic ave.	Melrose st.	Private.	50	....	1,390
Cherry	Elm st.	Highland ave.	Public.	45	1,450	....
Chester	Elm st.	Cambridge line	Public.	40	885	....
Chester ave.	Medford st.	Angle	Public.	about 22	220	....
Chester ave.	Angle	Cross st.	Private.	20	....	445
Chester pl.	Chester st.	Northwesterly	Private.	40	....	200
Chestnut	Poplar st.	Southeasterly	Private.	40	....	540
Church	Summer st.	Lake st.	Public.	40	964	....

*Proposed.

Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
City road	Broadway	Cedar st.	Private.	45	....	980
Claremon	Holland st.	Mead st.	Public.	40	560	....
Clarendon ave.	Broadway	Cambridge line	Public.	40	1,217	....
Clark	Newton st.	Lincoln parkway	Private.	35	....	545
Cleveland	Central st.	Harvard st.	Public.	40	459	....
Clifton	Appleton st.	Morrison ave.	Public.	40	200	....
Clifton	Morrison ave.	Arlington Br. R.R.	Private.	40	....	220
Clyde	Cedar st.	Murdock st.	Private.	30	....	600
College ave.	Davis sq.	Medford line	Public.	60	4,080	....
Columbia	Webster ave.	Cambridge line	Public.	40	816	....
Columbia ct.	Columbia st.	Webster ave.	Private.	9	....	150
Columbus ave	Washington st.	Walnut st.	Public.	40	1,425	....
Concord ave.	Prospect st.	Wyatt st.	Public.	40	1,483	....
Concord ave	Wyatt st.	Beacon st.	Public.	30	472	....
Congress pl.	Linwood st.	Southwesterly	Private.	16	....	200
Conlon ct.	Columbia st.	Easterly	Private.	20	....	200
Conwell ave.	Curtis st.	North st.	Private.	40	....	1,349
Conwell	Highland ave.	Southwesterly	Public.	35	363	....
Cooney	Beacon st.	Line st.	Private.	30	....	220
Cottage ave.	Russell st.	Chester st.	Public.	40	550	....
Cottage circle	Cottage ave.	Southwesterly	Private.	25	....	87
Cottage pl.	Washington st.	Northwesterly	Private.	about 11	....	150
Craigie	Somerville ave.	Summer st.	Public.	50	1,280	....
Craigie ter.	16 Craigie st.	Westerly	Private.	25	....	126
Crescent	Washington st	Pearl st.	Private.	30 to 38	....	650
Crocker	Highland ave.	Crown st.	Public.	40	528	....
Cross	Medford st.	Broadway	Public.	45	2,680	....
Cross	Broadway	Mystic ave.	Public.	40	1,100	....
Cross St. pl.	Cross st.	Northwesterly	Private.	24	....	150
Crown	Porter st.	Lowell st.	Private.	30	....	700
Curtis ave.	Curtis st.	Northwesterly	Private.	40	....	700
Curtis	Broadway	Medford line	Public.	40	2,357	....
Cutler	Lawrence st.	Northwesterly	Private.	20	....	170
Cutter ave.	Summer st.	Highland ave.	Public.	40	480	....
Cutter pk.	Cutter ave.	Northwesterly	Private.	12	....	83
Cutter	Broadway	Webster st.	Public.	40	730	....
Cypress	Central st.	Beech st.	Public.	40	262	....
Dana	Bonair st.	Pearl st.	Public.	40	696	....
Dane	Somerville ave.	Washington st.	Public.	40	1,341	....
Dane ave.	Dane st.	Leland st.	Public.	30	569	....
Dartmouth	Medford st.	Broadway	Public.	40	1,465	....
Day	Elm st.	Cambridge line	Public.	40	908	....
Dearborn road	Boston ave.	College ave.	Private.	50	....	460
Delaware	Aldrich st.	Pearl st.	Public.	40	451	....
Dell	Glen st.	Tufts st.	Public.	40	466	....
Derby	Temple st.	Grant st.	Public.	40	831	....
Derby	Grant st.	Wheatland st.	Private.	40	....	200
Dexter	Broadway	Medford line	Private.	50	....	25
Dickinson	Springfield st.	Beacon st.	Public.	40	770	....
Dickson	Broadway	Fairmount ave.	Private.	40	....	271
Dimick	Concord ave.	Calvin st.	Private.	40	....	957
Distillhouse	South st.	Cambridge line	Private.	35	....	150
Dix pl.	Linwood st.	Southwesterly	Private.	10	....	100
Dover	Elm st.	Cambridge line	Public.	40	975	....
Dow	PowderHouseBd	Ware st.	Private.	40	....	257
Downer pl.	Downer st.	B. & L. R. R.	Private.	20	..	125
Downer	Nashua st.	Southeasterly	Private.	20	..	120
Dresden circle	Cutter ave.	Westerly	Private.	30	...	133
Durham	Beacon st.	Hanson st.	Public.	40	423	....
Dynamo	Willow ave.	Whipple st.	Private.	30	....	255
Earle	South st.	Fitchburg R. R.	Private.	30	...	322
East Albion	Mt. Vernon ave.	E. of Moreland st.	Private.	25	...	188
East Albion	E. of Moreland st.	Medford line	Private.	40	...	490
Eastman road	Highland ave.	Southwesterly	Public.	40	296	....
*Edgeworth	Mystic ave.	Melrose st.	Private.	50	....	1,380

*Proposed.

Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Edmands	Broadway	near Bonair st.	Public.	40	376	....
Edmonton ave.	Cross st.	Fellsway east	Private.	40	....	630
Electric ave.	Curtis st.	Packard ave.	Public.	40	681	....
Eliot	Vine st.	Park st.	Public.	40	291	....
Ellington road	Highland ave.	Northeasterly	Private.	35	....	120
Ellington road	West st.	Northwesterly	Private.	30	....	405
Ellsworth	Cross st.	Rush st.	Public.	40	230	....
Elm ct.	Villa ave.	Northwesterly	Private.	18	....	70
Elm pl.	Harvard st.	Westerly	Private.	30	....	190
Elm	Somerville ave.	Cherry st.	Public.	63	1,672	....
Elm	Cherry st.	White st.	Public.	63 to 60	330	....
Elm	White st.	Banks st.	Public.	60	660	....
Elm	Banks st.	Beech st.	Public.	60 to 77.5	290	....
Elm	Beech st.	Tenney st.	Public.	77.5 to 60	570	....
Elm	Tenney st.	Davis sq.	Public.	60	1,429	....
Elmwood	Holland st.	Cambridge line	Public.	40	1,057	....
Elmwood ter.	Elmwood st.	Easterly	Private.	20	....	190
Elston	Elm st.	Summer st.	Public.	40	396	....
Emerson	Everett st.	Newton st.	Private.	30	....	170
Emery	Fitchburg R. R.	South st.	Private.	30	....	335
Endicott ave.	Broadway	Woodstock st. (Ext'n)	Private.	40	....	800
Essex	Medford st.	Richdale ave.	Public.	40	232	....
Eustis	Beacon st.	Cambridge line	Private.	30	....	150
Everett ave.	Cross st.	Dana st.	Public.	40	845	....
Everett	Webster ave.	Newton st.	Private.	30	....	350
Evergreen ave.	Marshall st.	Sycamore st.	Public.	40	1,320	....
Evergreen sq.	Porter st.	Southeasterly	Private.	8	....	200
Fairlee	Cherry st.	Northwesterly	Public.	30	144	....
Fairmount ave.	Curtis st.	Northwesterly	Private.	40	....	700
Fairview ter.	Sycamore st.	Southwesterly	Private.	15	....	173
Farragut ave.	Broadway	Woodstock st. (Ext'n)	Public.	40	905	....
Fellsway	Mystic ave.	Mystic river	Public.	70 to 130	2,500	....
Fellsway east (Winthrop ave.)	Broadway	Mystic ave.	Public.	50	1,222	....
Fellsway west (Chauncey ave.)	Broadway	Mystic ave.	Public.	50	1,324	....
Fenwick	Broadway	Jaques st.	Public.	40	601	....
Fisk ave.	Hinckley st.	Lowell st.	Private.	20 and 25	....	460
Fitchburg ct.	Fitchburg st.	Southeasterly	Private.	10	....	225
Fitchburg	Linwood st.	B. & L. R. R.	Private.	40	....	400
Flint ave.	Flint st.	Northerly	Private.	40	....	200
Flint	Franklin st.	Aldrich st.	Public.	40	1,790	....
Florence	Washington st.	Perkins st.	Public.	40	1,304	....
Florence ter.	Jaques st.	Southwesterly	Private.	20	....	90
Forest	Beacon st.	Cambridge line	Public.	40	117	....
Forster	Sycamore st.	Central st.	Private.	30	....	430
Fosket	Willow ave.	Liberty ave.	Public.	40	668	....
Fountain ave.	Cross st.	Glen st.	Public.	30	578	....
Francesca ave.	College ave.	Liberty ave.	Public.	40	762	....
Francis	Porter st.	Conwell st.	Private.	30	....	180
Franklin ave.	Washington st.	Franklin st.	Public.	20	575	....
Franklin pl.	Franklin st.	Southeasterly	Private.	15	....	100
Franklin	Broadway	Washington st.	Public.	40+	2,316	....
Frederick ave.	Willow ave.	Boston ave.	Private.	40	....	1,217
Fremont ave.	Bowdoin st.	Lincoln pk.	Private.	30	....	235
Fremont	Main st.	Meacham st.	Public.	40	612	....
Fremont	Meacham st.	Near Mystic ave.	Private.	40	....	785
Garden ct.	Somerville ave.	Fitchburg R. R.	Private.	25	....	370
Garfield ave.	Broadway	Middlesex ave.	Private.	40	....	1,430
Garrison ave.	Broadway	Woodstock st. (Ext'n)	Private.	40	....	850
George	Broadway	Lincoln ave.	Public.	30	275	....
Gibbens	Central st.	Benton road	Public.	40	492	....
Gibbens	Benton rd.	Northwesterly	Private.	40	....	133
Giles pk.	Walnut st.	Northwesterly	Public.	32.71	167	....

Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Gill's ct.	Franklin st.	Westerly	Private.	10	....	100
Gilman	Cross st.	Walnut st.	Public.	40	1,430	....
Gilman ter.	Pearl st.	Northeasterly	Public.	40	360	....
Gilson ter.	Linden ave.	Northwesterly	Private.	20	....	124
Glen	Broadway	Tufts st.	Public.	40	2,373	....
Glendale ave.	Cameron ave.	Yorktown st.	Public.	40	410	....
Glenwood road	Vernon st.	Broadway	Public.	40	1,524	....
Glover circle	Meacham road	Southeasterly	Private.	20	....	110
Gorham	Holland st.	Howard st	Public.	40	763	....
Gould ave.	Porter st.	Southeasterly	Private.	16	....	156
Gove ct.	Cedar st.	Southeasterly	Private.	15	....	145
Grand View ave.	Walnut st.	Vinal ave.	Public.	40	542	....
Granite	Somerville ave.	Osgood st.	Public.	40	411	....
Grant	Broadway	Jaques st.	Public.	40	536	....
Grant	Jaques st.	Mystic ave.	Private.	40	....	814
Greene	Summer st.	Laurel st.	Public.	40	555	....
Greenville	Medford st.	Munroe st.	Public.	40	660	....
Greenville ter.	Greenville st.	Northerly	Private.	20	....	250
Greenwood ter.	Beacon st.	Northeasterly	Private	25	....	165
Grove	Elm st.	Morrison ave.	Public.	40	996	....
Hadley ct.	Franklin st.	Westerly	Private.	20	....	150
Hall ave.	College ave.	Liberty ave.	Public.	40	926	....
Hall	Cedar st.	Cherry st.	Public.	30	456	....
Hamlet	Highland ave.	Southwesterly	Public.	30	451	....
Hammond	Dickinson st.	Concord ave.	Public.	40	267	....
Hancock	Elm st.	Highland ave.	Public.	40	1,349	....
Hancock	Highland ave.	Lexington ave.	Public.	50	376	....
Hanson ave.	Hanson st.	Easterly	Private.	30	....	252
Hanson	Washington st.	Skehan st.	Public.	30	469	....
Hanson	Skehan st.	Vine st.	Public.	35	347	....
Harding	South st.	Cambridge line	Private.	30	....	115
Harold	Dimick st.	Marion st.	Private.	40	....	317
Harrison	Ivaloo st.	Kent st.	Public.	40	644	....
Harrison	Elmwood st.	Southeasterly	Private.	40	....	210
Harvard pl.	Harvard st.	Westerly	Private.	35	....	200
Harvard	Summer st.	Beech st.	Public.	40	717	....
Hathorn	Broadway	Arlington st.	Public.	40	339	....
Hawkins	Somerville ave.	Washington st.	Public.	40	330	....
Hawthorne	Willow ave	Cutter ave.	Public.	30	807	....
Hayden ter.	Linden ave.	Easterly	Private.	20	....	120
Heath	Temple st.	Bond st.	Public.	45	1,043	....
Heath	Bond st.	Mt. Vernon ave.	Private.	40	....	386
Heath	Mt. Vernon ave.	Moreland st.	Public.	40	364	....
Henderson	Richardson st.	B. & L. R. R.	Private.	20	....	535
Hennessy ct.	Medford st.	Fisk ave.	Private.	20	....	250
Henrietta ct.	Somerville ave.	Northerly	Private.	8 and 20.	....	161
Henry ave.	Highland ave.	Lexington ave.	Public.	40	290	....
Herbert	Chester st.	Day st.	Public.	40	337	....
Hersey	Berkeley st.	Oxford st.	Private.	40	....	230
Highland ave.	Medford st.	Davis sq.	Public.	60	9,135	....
Highland p'th, east	Morrison ave.	Arlington Br. R. R.	Private.	10	....	107
Highland p'th, west	Morrison ave.	Arlington Br. R. R.	Private.	10	....	108
*Highland road	Morrison ave.	Boston ave.	Public.	30(70 wide)	1,499	....
Hill	Broadway	Fairmount ave.	Private.	40	....	286
Hillside ave.	Pearl st.	Southwesterly	Private.	30	....	150
Hillside cir.	Craigie st.	Westerly	Private.	16	....	151
Hillside pk.	Walnut st.	Northwesterly	Public.	40	196	....
Hinckley	Broadway	Richardson st.	Public.	30 and 35	579	....
Hodgdon pl.	Dane ave.	Northeasterly	Private.	about 20	....	150
Holland	Davis sq.	Broadway	Public.	60	2,696	....
Holt's ave.	Oak st.	Southeasterly	Private.	10	....	100
Holyoke road	Elm st.	Elm st.	Public.	40	637	....
Homer sq.	Bonner ave.	Northwesterly	Public.	30+	200	....
Horace	South st.	Fitchburg R. R.	Private.	30	....	510

*Roadway (only) accepted 30 feet wide, full width of street 70 feet.

Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Houghton	Springfield st.	Cambridge line.	Public.	40	653	....
Howard	Thorndike st.	Gorham street	Public.	40	431	....
Howe	Marshall st.	School st.	Public.	40	445	....
Hudson	Central st.	Cedar st.	Public.	40	2,760	....
Hunting	South st.	Cambridge line	Private.	30	....	125
Ibbetson	Somerville ave.	Lowell st.	Public.	40	802	....
Irving	Holland st.	Broadway	Public	40	1,180	....
Ivaloo	Beacon st.	Park st.	Public.	40	685	....
James	Pearl st.	Veazie st.	Public.	40	320	....
Jaques	Fellsway west	Temple st.	Public.	40	1,182	....
Jaques	Temple st.	Bond st.	Public.	45	1,005	....
Jasper pl.	Walnut st.	Easterly	Private.	20	....	80
Jasper	Pearl st.	Gilman st.	Public.	40	283	....
Jay	Holland st.	Howard st.	Public.	40	534	....
Jerome ct.	Sycamore st.	Jerome st.	Private.	10	...	150
Jerome	Montrose st.	Jerome ct.	Private.	20	....	125
Jerome	Lawrence rd.	Mystic river	Private.	40	....	742
Joseph	Newton st.	Lincoln parkway	Public.	40	458	....
Josephine ave.	Morrison ave.	Broadway	Public.	45	1,718	....
Joy	Washington st.	Poplar st.	Public.	30	1,121	....
Joy St. pl.	Joy st.	Southwesterly	Private.	30	....	175
Kenneson road	Broadway	Walnut road	Private.	30	....	338
Kensington ave.	Broadway	Blakeley ave.	Public.	40	455	....
*Kensington ave.	Blakeley ave.	Middlesex ave.	Private.	40	....	1,150
Kent ct.	Kent st.	Northerly	Private.	about 25	....	420
Kent	Somerville ave.	Fitchburg R. R.	Public.	40	292	....
Kent	Fitchburg R. R.	Beacon st.	Public.	25	386	....
Kenwood	College ave.	Billingham st.	Public.	40	322	....
Kidder ave.	College ave.	Liberty ave.	Public.	40	625	....
Kidder ave.	Liberty ave.	Willow ave.	Private.	40	....	655
Kilby	Somerville ave.	Southwesterly	Private.	20	....	180
Kimball	Lowell st.	Craigie st.	Private.	40	....	303
Kingman road.	Washington st.	Fitchburg R. R.	Private.	25	....	400
Kingston	Meacham road	Cambridge line.	Public.	40	647	....
Knapp	School st.	Granite st.	Public.	40	379	....
Knowlton	Tufts st.	N'E'y line Est. 37	Public.	40	461	....
Knowlton	End of above	Oliver st.	Private.	40	....	464
Lake	Hawkins st.	Church st.	Public.	40	840	....
Lamson ct	Linwood st.	Poplar st.	Private.	20	....	370
Landers	School st.	Westerly	Private.	40	....	280
Latin Way	Talbot ave.	Professors row	Private.	60	....	250
Laurel ave.	Laurel st.	Northwesterly	Private.	18	....	125
Laurel	Somerville ave.	Summer st.	Public.	40	983	....
Lawrence	Richardson st	B. & L. R. R.	Private.	35	....	500
Lawrence rd.	Medford line	Mystic river	Private.	40	....	820
Lawson ter.	Putnam st.	Easterly	Private.	5	....	200
Lee	Medford st.	Richdale ave.	Public.	40	385	....
Leland	Washington st.	Dane ave.	Private.	40	....	365
Leon	Concord ave.	Dickinson st.	Public.	40	155	....
Leonard pl.	Joy st.	Northeasterly	Private.	13+	....	98
Lesley ave.	Highland ave.	Lexington ave.	Public.	40	333	....
Leslie pl.	Highland ave.	Northerly	Private.	12	....	75
Lester ter.	Meacham road	Northwesterly	Private.	20	....	190
Lexington ave.	Willow ave.	Hancock st.	Public.	50	624	....
Lexington ave.	Hancock st.	Angle	Public	45 to 40	147	....
Lexington ave.	Angle	Cedar st.	Public.	40	578	....
Liberty ave.	Broadway	Hall ave.	Public.	40	1,395	....
Liberty ave.	Hall ave.	Appleton st.	Public.	40	98	....
Lincoln ave.	Lincoln st.	Mt. Vernon st.	Public.	30	478	....
Lincoln parkway	Washington st.	Perry st.	Public.	40	1,520	....
Lincoln pl.	Lincoln ave.	Northerly	Private.	9	....	120
Lincoln	Broadway.	Perkins st.	Public.	40	550	....
Linden ave.	Elm st.	Summer st.	Public.	45	1,083	....

*Proposed.

Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Linden ave.	Summer st.	Northeasterly	Private.	45	....	250
Linden circle	Linden ave.	Southeasterly	Private.	24	....	120
Linden pl.	Linden ave.	Northwesterly	Private.	20	....	160
Linden	Somerville ave.	Charlestown st.	Private.	33	....	705
Line	Washington st.	Cambridge line	Public.	30	1,727	....
Linehan ct.	Linwood st.	Chestnut st.	Private.	about 15	....	200
Linwood pl.	Linwood st.	Southwesterly	Private.	about 12	....	150
Linwood	Somerville ave.	Washington st.	Public.	50	2,114	....
London	Linwood st.	B. & L. R. R.	Private.	40	....	340
Loring	Somerville ave.	Osgood st.	Public.	40	413	....
Louisburg pl.	Autumn st.	Easterly	Private.	13	....	90
Lovell	Broadway	Electric ave.	Private.	40	....	385
Lowden ave.	Broadway	Fosket st.	Public	40	1,247	....
Lowell	Somerville ave.	Summer st.	Public.	36	1,259	....
Lowell	Summer st.	Crown st.	Private.	33+	....	349
Lowell	Crown st.	Albion st.	Public.	40	972	....
Lowell	Albion st.	L. & A. Br'ch R.R.	Private.	40	....	540
Lowell	B. & L. R. R.	Vernon st.	Private.	33+	....	60
Lowell	Vernon st.	Medford st.	Public.	40	1,141	....
Lowell ter.	Lowell st.	Northwesterly	Private.	20	....	150
Madison	School st.	Sycamore st.	Public.	40	891	....
Main	Broadway	Medford line	Public.	50	966	....
*Malden	Mystic ave.	Melrose st.	Private.	50	....	1,360
Mallet	Willow ave.	Liberty ave.	Private.	40	....	580
Malloy ct.	Somerville ave.	Merriam ave.	Private.	30	....	255
Malvern ave.	Cameron ave.	Yorktown st.	Public.	40	410	....
Manila road	Beacon st.	Sacramento st.	Private.	40	....	408
Mansfield	Somerville ave.	Washington st.	Public.	40	735	....
Maple ave	School st.	Southeasterly	Private.	40	....	300
Maple pl.	Marshall st.	Maple ave.	Private.	5	....	125
Maple	Poplar st.	Medford st.	Public.	30	699	....
Marion	Concord ave.	Wyatt st. W'ly176.	Public.	40	740	....
Marion	Wyatt st. W'ly 176	Dimick st.	Private.	40	....	397
Marshall	Broadway	Pearl st.	Public.	40	1,650	....
May pl.	Hawkins st.	Easterly	Private.	12	....	100
McCulphe pl.	Medford st.	Easterly	Private.	10	....	110
McGregor ave.	Wigglesworth st	Walnut st.	Private.	13	....	302
Meacham road	Dover st.	Cambridge line	Public.	40	1,060	....
Meacham	Mt. Vernon ave.	Medford line	Private.	40	....	800
Mead	Cameron ave.	Moore st.	Private.	40	....	340
Medford	Cambridge line	Central st.	Public.	50	8,047	....
Medford	Central st.	Broadway	Public.	55	1,985	....
Melrose	Mystic av	Fellsway	Private.	50	....	2,310
Melvin	Broadway	Bonair st.	Public.	40	487	....
Merriam ave.	Merriam st.	Malloy ct.	Private.	15	....	255
Merriam	Somerville ave.	Charlestown st.	Private.	30	....	500
Middlesex ave.	Mystic ave.	Fellsway	Public.	60	2,304	....
Milk pl.	Somerville ave.	Southwesterly	Private.	about 30	....	100
Miller	Sacramento st.	Beacon st.	Private.	33	....	465
Milton	Orchard st.	Cambridge line	Public	40	223	....
Miner	Vernon st.	Ames st.	Public.	40	244	....
Mondamin ct.	Ivaloo st.	Harrison st.	Private.	25	....	250
Monmouth	Central st.	Westerly	Public.	40	267	..
Monmouth	End of above	Harvard st.	Private.	35	....	200
Montgomery ave.	Broadway	Wellington ave.	Public.	40	265	....
Montrose ct.	Montrose st.	B. & L. R.R.	Private.	12	....	110
Montrose	School st.	Sycamore st.	Public.	40	886	....
Moore	Holland st.	Mead st.	Public.	40	695	....
Moreland	Main st.	Mystic ave.	Public.	40	1,471	....
Morgan	Beacon st.	Park st.	Public.	40	377	....
Morrison ave.	Cedar st.	Willow ave.	Public.	50	1,366	....
Morrison ave.	Willow ave.	College ave.	Public.	40	1,690	....
Morrison pl.	Morrison ave.	Northerly	Private.	20	....	190
Morrison pl.	Morrison pl.	Easterly	Private.	15	....	175
Mortimer pl.	Marshall st.	Walter st.	Private.	20	....	280
Morton	Glen st.	Knowlton st.	Public.	40	287	....

*Proposed.

Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Mossland	Somerville ave.	Elm st.	Public.	40	377	....
Mountain ave.	Linden ave.	Porter st.	Private.	22	....	310
Mousal pl.	North Union st.	B. & M. R. R.	Private.	20	....	200
Mt. Pleasant ct.	Perkins st.	Southwesterly	Private.	40	....	260
Mt. Pleasant	Broadway	Perkins st.	Public.	33	584	....
Mt. Vernon ave.	Main st.	Meacham st.	Private.	50	....	800
*Mt. Vernon ave.	Meacham st.	Mystic ave.	Private	50	....	764
Mt. Vernon	Washington st.	Pearl st.	Public.	40	600	....
Mt. Vernon	Pearl st.	Perkins st.	Public.	50	473	....
Mt. Vernon	Perkins st.	Broadway	Public.	40	590	....
Munroe	Walnut st.	Easterly	Public.	40	375	....
Munroe	End of above	Boston st.	Public.	50	1,214	....
Murdock	Cedar st.	Clyde st.	Private.	30	....	900
Murray	Washington st.	Southerly	Private.	30	....	250
Museum	Beacon st.	Cambridge line	Public.	40	164	....
Myrtle ct.	Myrtle st.	Easterly	Private.	10	....	100
Myrtle pl.	Myrtle st.	Westerly	Private.	20+	....	120
Myrtle	Washington st.	Perkins st.	Public.	40	1,423	....
Mystic ave.	Charlestown line	Union st.	Public.	60	378	....
Mystic ave.	Union st.	Medford line	Public.	66	6,938	....
Mystic	Washington st.	Somerville ave.	Public.	40	360	....
Mystic	Benedict st.	Mystic ave.	Public.	40	336	
*Mystic river bld.	Medford line	Arlington line	Private.	60	....	2,000
Nashua	Richardson st.	B. & L. R. R.	Public.	35	637	....
Nevada ave.	Village st.	Hanson st.	Private.	20	....	200
Newberne	Appleton st.	Morrison ave.	Public.	40	200	....
Newberne	Morrison ave.	Arlington Br. R. R.	Private.	40	....	173
Newbury	Holland st.	Cambridge line	Public.	40	1,260	...
Newman pl.	Cedar st.	Southeasterly	Private.	15	....	100
Newton pl.	Newton st.	Easterly	Private.	about 10	....	100
Newton	Prospect st.	Webster ave.	Public.	25	470	....
Newton	Webster ave.	Concord ave.	Public.	40+	637	....
Norfolk	Webster ave.	Cambridge line	Public.	40	283	....
North	Broadway	Medford line b. 17	Public.	40	1,961	....
North	Medford line b. 17	Medford line b. 18	Public.	37 to 42	649	....
North Union	Mystic ave.	Northeasterly	Private.	30	....	600
Norton	Nashua st.	Southeasterly	Private.	20	....	200
Norwood ave.	Broadway	Medford st.	Public.	40	350	....
Oak	Prospect st.	Angle	Public.	40	665	....
Oak	Angle	Cambridge line	Public.	30	563	....
Oak St. pl.	Oak st.	Northerly	Private.	4	....	85
Oakland ave.	Marshall st.	School st.	Public.	40	440	....
Olive ave.	Linden ave.	Peterson ter.	Private.	25	....	155
Olive sq.	Lake st.	Southerly	Private.	about 15	....	100
Oliver	Franklin st.	Cross st.	Public.	40	1,085	....
Orchard	Cambridge line	Meacham road	Public.	40	1,567	....
Osgood	Granite st.	Easterly & west'ly	Private.	40	...	450
Ossipee road	Packard ave.	Curtis st.	Public.	40	682	....
Otis	Cross st.	Wigglesworth st.	Public.	40	1,200	....
Oxford	School st.	Central st.	Public.	35	1,361	.. .
Oxford	Beacon st.	Cambridge line	Public.	50	100	....
Packard ave.	Broadway	Professors row	Public.	60	1,758	....
Packard ave.	Professors row	Medford line	Private.	60	....	242
Palmer ave.	Franklin st.	Northwesterly	Private.	20	....	200
Park ave.	College ave.	Wallace st.	Public.	40	467	....
Park pl.	Laurel st.	Easterly	Private.	30	....	220
Park pl.	Park pl.	Northeasterly	Private.	20	....	150
Park	Somerville ave.	Beacon st.	Public.	50	1,238	....
Parker pl.	Porter st.	Northwesterly	Private.	20	....	150
Parker	Washington st.	Fremont ave.	Private.	35	....	200
Partridge ave.	Vernon st.	Broadway	Public.	40	1,467	....
Patten ct.	Cutter st.	Southeasterly	Private.	8	....	100
Paulina	Broadway	Holland st.	Private.	40	....	775
Pearl	Crescent st.	Mt. Vernon st.	Public.	37	341	....
Pearl	Mt. Vernon st.	Franklin st.	Public.	50	957	....

*Proposed.

Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Pearl	Franklin st.	Cross st.	Public.	40	1,060	....
Pearl	Cross st.	Medford st.	Public.	50	2,447	....
Pearl St. pl.	Pearl st.	Northeasterly	Private.	20	....	200
Pearl ter.	Pearl st.	Northerly	Private.	23	....	161
Pearson ave.	Morrison ave.	Boston ave.	Private.	45	....	1,300
Pearson road	Broadway	Warner st.	Public.	40	564	....
Pearson road	Warner st.	Dearborn road	Private.	40	....	1,090
Pembroke ct.	Pembroke st.	Southwesterly	Private.	25	....	130
Pembroke	Central st.	Sycamore st.	Public.	40	430	....
Perkins pl.	Perkins st.	Northeasterly	Private.	20	....	200
Perkins	Franklin st.	Charlestown line	Public.	40	1,336	....
Perry	Washington st.	Lincoln parkway	Public.	40	606	....
Peterson ter.	Porter st.	Olive ave.	Private.	13+	....	155
Pinckney pl.	Pinckney st.	Southeasterly	Private.	24	....	125
Pinckney	Washington st.	Perkins st.	Public.	40	1,186	....
Pitman	Beech st.	Spring st.	Private.	30	....	380
Pitman	Spring st.	Belmont st.	Private.	26	....	390
Pleasant ave.	Walnut st.	Vinal ave.	Public.	40	543	...
Poplar ct.	Poplar st.	Southeasterly	Private.	10	....	80
Poplar	Somerville ave.	Linwood st.	Public.	30	351	....
Poplar	Linwood st.	Joy st.	Public.	35	315	...
Poplar	Joy st.	B. & L. R. R.	Private.	35	....	65
Porter ave.	Porter st.	Northwesterly	Private.	20	....	220
Porter pl.	Porter st.	Northwesterly	Private.	20	....	195
Porter	Elm st.	Mountain ave.	Public.	45	1,622	....
Porter	Mountain ave.	Highland ave.	Public.	40	415	....
Powder house boulevard	Powder house square	Northwesterly, Mystic river and Medford line	Public.	80	7,200	....
Powder house ter.	Kidder ave.	Liberty ave.	Public	40	585	....
Prentiss	Beacon st.	Cambridge Line	Private	35	....	150
Prescott	Summer st.	Highland ave.	Public.	50	1,110	....
Preston road	School st.	Summer st.	Public.	40	839	....
Princeton	Alpine st.	Lowell st.	Public.	40	648	....
Princeton	Lowell st.	Centre st.	Private.	40	....	540
Pritchard ave.	Morrison ave.	Frederick ave.	Public.	40	634	....
Pritchard ave.	Frederick ave.	Boston ave.	Private.	40	....	511
Professors row	College ave.	Curtis st.	Public.	40	2,000	....
Prospect	Washington st.	Cambridge line	Public.	50	2,071	....
Prospect Hill av.	Medford st.	Munroe st.	Public.	40	597	....
Prospect Hill p'k'y	Munroe st.	Stone ave.	Public.	40	400	....
Prospect pl.	Prospect st.	Newton st.	Private.	20	....	130
Putnam	Summer st.	Highland ave.	Public.	50	1,262	....
Quincy	Somerville ave.	Summer st.	Public.	40	781	....
Randolph pl.	Cross st.	Westerly	Private.	15	....	244
Raymond ave.	Curtis st.	North st.	Public.	40	1,345	....
Record ct.	Broadway	Southwesterly	Private.	10	....	110
Reed's ct.	Oliver st.	Southwesterly	Private.	20	....	105
Remick ct.	Cutter st.	Southeasterly	Private.	10	....	100
Richardson	Lowell st.	Lawrence st.	Public.	35	467	....
Richardson ter.	Richardson st.	Northeasterly	Private.	20	....	135
Richdale ave.	School st.	Sycamore st.	Public.	40	875	....
Richmond hi'h'ds	Madison st.	Southerly	Private.	30	....	150
Roberts	Lawrence st.	Northwesterly	Private.	20	....	170
Robinson	Central st.	Bartlett st.	Public.	40	582	....
Rogers ave.	Morrison ave.	Boston ave.	Public.	45	1,682	....
Roland st.	Waverly st.	Boston line	Private.	40	....	100
Roseland	Beacon st.	Cambridge line	Public.	40	121	....
Rossmore	Somerville ave.	Washington st.	Public.	40	534	....
Royce pl.	Bonair st.	Northeasterly	Private.	15+	....	175
Rush	Broadway	Flint st.	Public.	40	1,400	....
Russell road	Broadway	North st.	Private.	40	....	1,193
Russell	Elm st.	Cambridge line	Public.	40	700	....
Sacramento	Somerville ave.	Fitchburg R. R.	Public.	40	80	....
Sacramento	Fitchburg R. R.	Beacon st.	Public.	40	290	....

Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Sacramento	Beacon st.	Cambridge line	Private.	40	....	156
Sanborn ave.	Warren ave.	Walnut st.	Public.	40	280	....
Sanborn ct.	Washington st.	Northwesterly	Private.	30	....	176
Sargent ave.	Broadway	Walnut st.	Public.	40	1,075	....
Sartwell ave.	Cedar st.	Cherry st.	Private.	35	....	400
Sawyer ave.	Packard ave.	Curtis st.	Private.	40	....	690
School	Somerville ave.	Highland ave.	Public.	40	1,901	....
School	Highland ave.	Broadway	Public.	50	2,500	....
Sellon pl.	Marshall st.	Northwesterly	Private.	12	....	120
Seven Pines ave	Cameron ave.	Cambridge line	Public.	40	92	....
Sewall ct.	Sewall st.	Southwesterly	Private.	25	....	190
Sewall	Grant st.	Temple st.	Public.	40	615	....
Shawmut pl.	Shawmut st.	Alston st.	Private.	30	....	200
Shawmut	Washington st.	Cross st.	Public.	40	575	....
Shedd	Somerville ave.	Merriam ave.	Private.	40	....	310
Sherman ct.	Sargent ave.	Marshall st.	Private.	10	....	250
Sibley ct.	Cutter st.	Northwesterly	Private.	10	....	100
Sibley pl.	Cutter st.	Northwesterly	Private.	10	....	100
Simpson ave.	Broadway	Holland st.	Private.	40	....	825
Skehan	Dane st.	Hanson st.	Public.	30	306	....
Skehan	Hanson	Durham	Private.	30	....	414
Skilton ave.	Pearl st.	Pearl st.	Private.	40	....	540
Smith ave.	Beacon st.	Line st.	Private.	25+	....	200
Snow pl.	Belmont st.	Easterly	Private.	30	....	75
Snow pl.	Snow pl.	N'th'ly and S'th'ly	Private.	20	....	222
Snow ter.	Jaques st.	Southwesterly	Private.	16	....	120
Somerville ave.	E. Camb. line	Union sq.	Public.	75	4,325	....
Somerville ave.	Union sq.	N. Camb. line	Public.	70	6,793	....
South	Medford st.	Water st.	Public.	30	989	....
Spencer ave.	Cedar st.	Hancock st.	Public.	40	727	....
Spring ct.	Somerville ave.	Westerly	Private.	20	....	200
Spring	Somerville ave.	Summer st.	Public.	40	1,220	....
Springfield	Concord ave.	Cambridge line	Public.	40	788	....
Spring Hill ter.	Highland ave.	Belmont st.	Private.	20	....	670
Stanford ter.	Beacon st.	Northeasterly	Private.	20	....	200
Stickney ave.	Marshall st.	School st.	Public.	40	458	....
St. James ave.	Elm st.	Summer st.	Public.	40	488	....
St. James ave. ext.	Summer st.	Northeasterly	Private.	30	....	125
Stone ave.	Union sq.	Columbus ave.	Public.	40	676	....
Stone ave.	Columbus ave.	Prospect Hill p'k'y	Public.	38	107	....
Stone pl.	Stone ave.	Southeasterly	Private.	30	....	145
Summer	Bow st.	Elm st.	Public.	45	7,900	....
Summit ave.	Walnut st.	Vinal ave.	Public.	45	532	....
Summit	College ave.	Billingham st.	Public.	40	262	....
Sumner	Lawrence st.	Northwesterly	Private.	20	....	175
Sunnyside ave.	Walnut st.	Wigglesworth st.	Private.	35	....	250
Sycamore	Broadway	Medford st.	Public.	45	1,275	....
Sycamore	Medford st.	B. & L. R. R.	Public.	40	667	....
Sycamore	B. & L. R. R.	Highland ave.	Public.	35	722	....
Sydney	Grant st.	Temple st.	Public.	40	679	....
Talbot ave.	Packard ave.	College ave.	Private.	50	....	1,409
* Tannery (Ext'n)	Cambridge line	Woodstock st. (Ext'n)	Private.	40	....	160
Taunton.	Wyatt st.	Easterly to angle	Private.	30	....	170
Taunton	Angle	Marion st.	Private.	20	....	95
Taylor pl.	Somerville ave.	Southerly	Private.	15	....	200
Taylor	Mystic ave.	Sydney st.	Private.	40	....	310
Teele ave.	Packard ave.	Curtis st.	Private.	40	....	685
Temple	Broadway	Mystic ave.	Public.	66	1,637	....
Tenney ct.	Mystic ave.	Northeasterly	Private.	30	....	400
Tennyson	Forster st.	Pembroke st.	Public.	40	922	....
Thorndike	Holland st.	Arl'ngt'n Br. R. R.	Public.	40	465	....
Thorndike	Arl'gt'n Br. R.R.	Kingston st.	Public.	40	115	....
Thorpe pl.	Highland ave.	Southwesterly	Public.	30	468	....

*Proposed.

Table Showing the Location, Length and Width of Public and Private Streets. — Continued.

Street.	From	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Thurston	Broadway	Richdale ave.	Public.	40	1,660	....
Tower ct.	Tyler st.	Northeasterly	Private.	25	....	150
Tower	Crown st.	Highland ave.	Public.	40	559	....
Tremont pl.	Tremont st.	Southeasterly	Private.	about 10	....	75
Tremont	Webster ave.	Cambridge line	Public.	40	589	....
Trull	Vernon st.	Medford st.	Public.	40	1,050	....
Trull lane	Highland ave.	Oxford st.	Private.	15	....	200
Tufts parkway	College ave.	College ave.	Public.	22	900	....
Tufts	Washington st.	Cross st.	Public.	40	982	....
Tyler	Vine st.	Dane st.	Public.	40	404	....
Unnamed st.	Ware st.	Powder h'se blvd.	Private.	20-40	....	283
Union	Broadway	Mystic ave.	Public.	40	345	....
Union pl.	Linwood st.	Southwesterly	Private.	10	....	100
Upland Park	Main st.	Southwesterly	Private.	20	....	175
Veazie	Walnut st.	Bradley st.	Public.	35	392	....
Veazie	Bradley st.	Marshall st.	Public.	40	261	....
Vernon	Central st.	Glenwood road	Public.	40	764	....
Vernon	Glenwood road	Partridge ave.	Public.	40 to 30	190	....
Vernon	Partridge ave.	Lowell st.	Public.	30	434	....
Victoria	Broadway	Cambridge line	Private.	40	....	1,036
Villa ave.	Winslow ave.	Arlington Br. R. R.	Private.	35	....	200
Village	Dane st.	Vine st.	Private.	25	....	370
Vinal ave.	Summer st.	Highland ave.	Public.	45	1,425	....
Vinal	Richardson st.	Northeasterly	Private.	20	....	200
Vine ct.	Vine st.	Northwesterly	Private.	25	....	140
Vine	Somerville ave.	Hanson st.	Private.	40	....	780
Vine	Hanson st.	Beacon st.	Public.	30	662	....
Virginia	Aldrich st.	Jasper st.	Public.	40	405	....
Wade ct.	Cedar st.	Westerly	Private.	20	....	180
Waldo ave.	Beacon st.	Dimick st.	Private.	40	....	277
Waldo	Highland ave.	Hudson st.	Public.	40	287	....
Wallace	Holland st.	Broadway	Public.	40	1,342	....
Walnut	Bow st.	Broadway	Public.	40	3,948	....
Walnut road	Walnut st.	Kenneson road	Private.	40	....	270
Walter pl.	Walter st.	Southwesterly	Private.	40	....	222
Walter	Walnut st.	about 100 ft. N. of Bradley st.	Public.	40	548	....
Ward	Medford st.	Emery st.	Private.	30	....	450
Ware	Curtis st.	Dow st.	Private.	40	....	680
Warner	Powder House sq.	Medford line	Public.	60	500	....
Warren ave.	Union sq.	Columbus ave.	Public.	40	663	....
Warren	Medford st.	Cambridge line	Public.	30 to 40	109	....
Warwick place	Warwick st.	Northeasterly	Private.	15	....	150
Warwick	Cedar st.	Warwick pl.	Public.	40	665	....
Washington ave.	Washington st.	Northerly	Private.	18	....	350
Washington	Charlest'n line	Franklin ave.	Public.	75	1,060	....
Washington	Franklin ave.	Fitchburg R. R.	Public.	60 to 100	3,977	....
Washington	Fitchburg R. R.	Cambridge line	Public	60	2,344	....
Water	South st.	Northerly	Private.	25	....	250
Waterhouse	Broadway	Cambridge line	Private.	40	....	986
Watson	Broadway	Fairmount ave.	Private.	40	....	236
Waverly	Washington st.	Roland st.	Private.	35	....	200
Webster ave.	Union sq.	Cambridge line	Public.	49.5	1,955	....
Webster	Franklin st.	Cross st.	Public.	40	1,034	....
Wellington ave.	Walnut st.	Montgomery ave.	Public.	40	215	....
Wellington ave.	Montgomery ave.	Easterly	Private.	40	....	85
Wesley pk.	Wesley sq.	Northeasterly	Public.	40	405	....
Wesley	Pearl st.	Otis st.	Public.	40	515	....
West	Broadway	Heath st.	Private.	30	....	250
West	Hawthorne st.	Arlington Br. R. R.	Private.	30	....	460
Westminster	Broadway	Electric ave.	Public.	40	376	....
Weston ave.	Clarendon ave.	Broadway	Private.	40	....	525
Westwood road	Central st.	Benton road	Public.	40	489	....

Table Showing the Location, Length and Width of Public and Private Streets. — Concluded.

Street.	From.	To	Public or Private.	Width in Feet.	Length.	
					Public.	Private.
Wheatland	Broadway	Mystic ave.	Public.	40	1,364	....
Wheeler	Pinckney st.	Mt. Vernon st.	Public.	40	269	....
Whipple	Highland ave.	Arlington Br. R. R.	Private.	30	....	318
†White	Elm st.	Cambridge line	Public.	..	307	....
White St. pl.	White st.	Southeasterly	Private.	20	....	200
Whitfield road	Packard ave.	Curtis st.	Private.	40	....	684
Wigglesworth	Bonair st.	Pearl st.	Public.	40	744	....
William	Chandler st.	College ave.	Public.	40	381	....
William	Broadway	Medford line	Private.	50	....	45
Williams ct.	Porter st.	Northwesterly	Private.	30	....	150
Willoughby	Central st.	Sycamore st.	Public.	40	427	....
Willow ave.	Elm st.	Broadway	Public.	50	3,534	....
Willow pl.	Cambridge line	South st.	Private.	25	....	150
Wilson ave.	Broadway	B. & L. R. R.	Private.	20	....	310
Wilton	Lowell st.	Lawrence st.	Public.	35	470	....
Winchester	Broadway	Medford line	Private.	40	....	65
Windom	Elm st.	Summer st.	Public.	40	300	....
Windsor road	Willow ave.	Hancock st.	Public.	40	575	....
Winslow ave.	College ave.	Clifton st.	Public.	40	1,123	....
Winter	College ave.	Holland st.	Public.	30	402	....
Winter Hill cir.	Broadway	Northeasterly	Private.	25	....	177
Winthrop ave. (Extension.)	Mystic ave.	Middlesex ave.	Private.	40	....	583
Woodbine	Centre st.	Lowell st.	Private.	30	....	600
*Woods ave.	North st.	Alewife brook	Private.	40	....	1,350
Woodstock	Victoria st.	Alewife brook	Private	40	....	415
*Woodstock (Extension.)	Victoria st.	Tannery st. (Ext'n.)	Private.	40	....	920
Wyatt circle	Wyatt st.	Wyatt st.	Private.	20	....	315
Wyatt	Concord ave.	Lincoln parkway	Public.	40	496	....
Yorktown	Cambridge line	N. E. line Malvern ave.	Public.	40	294	....
Yorktown	N. E. line Malvern ave.	Northerly	Private.	40	....	100

*Proposed.

†Sidewalk in Somerville.

Court	11 Albion st.	Northeasterly	Private.	9	....	170
Court	21 Albion st.	Northeasterly	Private.	10	....	100
Court	292 Broadway	Southwesterly	Private.	15	....	96
Court	612 Broadway	Southwesterly	Private.	20	....	188
Court	113 Central st.	Southeasterly	Private.	20	....	150
Court	227 Columbia st.	Northwesterly	Private.	10	....	117
Court	26 Craigie st.	Westerly	Private.	25	....	126
Court	36 Craigie st.	Westerly	Private.	25	....	126
Court	58 Dane st.	Easterly	Private.	10	....	70
Court	20 Dimick st.	Southwesterly	Private.	39.25	....	136
Court	66 Lowell st.	Westerly	Private.	25	....	101
Court	78 Lowell st.	Westerly	Private.	25	....	101
Court	Olive ave.	Porter st.	Private.	7.5	....	156
Court	765 Som'rv'le ave	Northeasterly	Private.	20	....	138
Court	10 Stone ave.	Northwesterly	Private.	20	....	113
Total					384,238	114,560

Public, 72.772 miles (includes 2.843 miles boulevards); private, 21.697 miles.

Total length of streets in the city, 94.469 miles.

DEPARTMENT'S EMERGENCY WAGON

TRANSPORTING EXPLOSIVES

REPORT OF THE STREET COMMISSIONER.

OFFICE OF THE STREET COMMISSIONER,
CITY HALL, January 1, 1908.

To His Honor, the Mayor, and the Board of Aldermen:—

Gentlemen,—I most respectfully submit the forty-second annual report, containing a brief summary of the principal work performed by the highway department during the year 1907.

The highway maintenance appropriation was estimated at $57,000, this amount to be received from the Commonwealth of Massachusetts for street railway tax and the Boston Elevated Railway tax, but the department actually received only $49,347.89, due to the shrinkage of the taxable value of the shares of the corporations.

The question of to-day is not only how to make good roads, but how to maintain the same against the wear and tear of automobiles and heavy travel, and the highway department has tried several experiments to overcome the same.

Permanent Paving.

The improvement started on Broadway in 1906 has been extended with Hassam paving from opposite Franklin street on the north side to Cross street, and on the south side from Cutter street to a point between Arthur and Edmands streets. There were 8,796.13 square yards laid, at a cost of $15,558.93.

Cross street, on both sides from the outside rail of the car tracks to the edgestones, from Tufts street to Central square, has been paved with Hassam paving, the paving blocks between the rails and tracks having been allowed to remain, thus enabling teams during slippery going to reach the bridge on this steep grade. There were 799.3 square yards laid, at a cost of $1,444.63.

On Medford street, from Hamlet street and opposite the same, to and including Central square, 2,746.8 square yards of this paving were laid, at a cost of $7,766.84, and on Highland avenue, on the northeasterly side, in front of city hall, 137.75 square yards were laid, at a cost of $247.05.

These several costs of streets where permanent paving was laid include the cost of re-setting edgestones, re-laying bricks, and crossings.

This paving was laid on the several streets by the Simpson Brothers Corporation, at a cost of $1.65 per square yard, without a guarantee.

The street railway company raised and repaired its tracks, and all mains and connections of the telephone, electric light, water, gas, and sewer pipes were repaired before the paving was laid. Edgestones were re-set where needed and flagging crossings laid at street intersections.

Late in the year 1906 several streets were coated with "Tarvia," a product from coal tar. This proved to be so successful that "Tarvia" has been used to some extent this year on old streets as a surface and on new macadam as a binder. This was done at a very small cost, Somerville being situated so near the still where "Tarvia" is produced. The tank wagons which transport the hot "Tarvia" to the place where it is to be used make two trips a day, the city being charged at the rate of $.065 a gallon, exclusive of the cost of teaming. The cost is about $.12 per yard on surfacing, and about $.17 for binding, including the "Tarvia," labor, pea stone, and rolling.

Central and Lake Streets.

Central street was macadamized, from Highland avenue to Summer street, and after the street had been opened to travel about a week, it was closed again, and "Tarvia" was applied. Fine stone screenings were then spread, and rolled with a steam roller, and the street was again opened the same day to travel.

Lake street was macadamized, from Carlton street to Hawkins street, but before the dust was applied, "Tarvia" was spread hot from the tank wagon on the one-and-one-half-inch stone, then the pea stone was spread and rolled into the "Tarvia" with a steam roller, and the street was opened the same day, thus saving the work of watering and rolling the street until it flushed, and keeping it closed to travel while so doing.

College Avenue.

College avenue was swept clean with sweeping machines, and "Tarvia" was applied on one section of the street, pea stone being used for covering with very good results.

Terracolio was applied to another section, and while it kept down the dust to some extent, it does not save the road from the tear of automobiles.

Asphaltoilene was tried on another section. This has, in my opinion, been a failure, as we have scraped this section of the street with road machines to remove the mud, many complaints having been received at the office about the condition of that section of the street after a rain.

City Ledge.

Test holes were made early this year at the Holland-street ledge to determine the quality of the stone still remaining, and such good specimens were found that it was deemed wise to quarry the same. Although the land was then down to the grade of Holland street and parts of Broadway, the intention has been to bring it to the grade of the Simpson property on the east side of the ledge, thereby making this land, which has been on the market, much more valuable for building property than it otherwise would have been.

This year a steam drill has been constantly kept at work, instead of hand drilling, thus saving a large expense for labor.

Stone Crusher.

The crushing plant has worked 220 days during the past year, but was unable to supply the demand for stone. For the last layer, nut size, and dust for binder on nearly all the old streets re-surfaced and new streets constructed, trap rock was purchased, under contract, from the Winchester Trap Rock Company at $1.07 per ton, F. O. B., Somerville. Ten thousand four hundred thirty tons were crushed and 944 tons purchased during the year.

Street Cleaning.

All the streets, both public and private, were cleaned during the past year, and all the paved streets swept as often as the highway appropriation would allow, $17,714.98 being spent in this branch of the work.

The expense of teaming is increasing every year, as the dumping places are few and far between. Patrolmen with push carts have been constantly kept at the squares and on the main streets, and I hope the appropriation will allow this force to be increased the coming year, as more patrolmen with push carts are required to care for the permanent paving laid this year.

Experiments have been tried of flushing smooth paved streets with watering carts and by connecting hose to hydrants, but the latter has proved more successful; it is my intention early in the spring to do this work at night, thus keeping smooth paved streets and squares in a clean and healthy condition. I recommend that a sanitary flushing machine be purchased, which would reduce the expense in this branch of the work.

The placing of waste barrels at all the schoolhouses and on the main streets for the use of the public has made a noticeable difference in the appearance of these places.

Bridges.

The bridges are in good condition. The railroad commissioners have accepted the city's plans for the abolition of grade crossings on the Fitchburg division of the Boston & Maine Railroad. The bridges on the Southern division of the Boston & Maine Railroad at Cross street and Walnut street have been thoroughly repaired and strengthened during the year.

Shade Trees.

Shade trees are a great improvement to the general appearance of a street. Many trees have been injured by electric wires, but as the work of placing the wires underground advances, this difficulty will be removed.

Many trees are injured and killed by gas leaks.

In every case where trees have been set out the past year a pole and wire guard has been placed on them for protection.

When abutters purchase trees, the city set out the same free of cost.

There is no appropriation for the care of shade trees, and the amount expended is quite large. The expense so incurred is charged to the highways maintenance appropriation.

I recommend that the city purchase and set out shade trees where dead and dangerous ones have been removed, and think it wise to protect the trees which we already have by placing wire guards around them. The department has set out 350 trees, and sixty-eight dead and dangerous ones were removed during the year.

Subways.

The subways at Kent, Sacramento, and Thorndike streets are in good condition. Men are assigned to care for them, and extra help is provided in case of a storm. If subways were built at West street and Hancock street, on the Arlington branch of the Boston & Maine Railroad, it would be a great convenience and safety to the public until such time as grade crossings are abolished.

Street Watering.

Under the law providing for the assessment for street watering, only accepted streets can be watered. When residents desire private streets watered, they must pay the cost of such watering in advance. The street watering is let out by contract at $90 per month per cart, the contractor furnishing a competent driver with a good pair of horses. He is obliged to see that his route, which comprises about two miles, is properly watered at all times, including Sundays and holidays. This branch of the department is under the charge of an inspector.

There are forty-two double and three single watering carts, all painted and repaired by the department.

So many new streets have been added to the street watering list that ten new carts were purchased during the year and a shed built by the department in which to house them.

So many complaints have been received from tenants of stores in the squares which are watered by contractors that single carts have been purchased to be operated by the department in these squares in the coming year.

Granolithic Sidewalks.

More granolithic sidewalks were laid during the year than ever before. Specifications were sent out and bids called for to lay the same. The contract was awarded to the lowest bidder, whose price was $1.42 per square yard, with a five-year guarantee.

The department, with its own labor, laid the granolithic sidewalk on Bartlett street, between Broadway and Medford street, at a cost of $1.405 per square yard. I recommend that the city do this work with their own labor in the future.

Steam Rollers.

The city has three Buffalo Pitts steam rollers,—one fifteen-ton roller which has worked 189 days, one twelve-ton roller which has worked 173 days, and one five-ton asphalt roller which has worked seventy-three days.

The department has received a large revenue by the letting of these rollers to contractors doing work in and for the city and to the various departments.

During the year the department received, free of cost, including the teaming, much good material which may be used for the bottom of streets in remacadamizing and resurfacing. This, together with the fact that it was found necessary to carry over the work on so many streets to next year, on account of not having facilities for rolling the crushed stone with which they should be covered, leads me to recommend the purchase of another fifteen-ton roller.

Snow and Ice.

During the winter of 1907 there were 3,114 loads of snow removed and a large sum of money spent sanding sidewalks and slippery streets on side hills. This renders the expenditures for street repairs correspondingly less, as no separate appropriation is made for the care of ice and snow. The amount spent in this branch of the work was $9,548.28. The teaming in this branch has been increasing every year on account of the scarcity of dumping places. An experiment, consisting of dumping the snow into the sewers by way of the manholes, was tried, which proved a success. This experiment not only removes the snow quickly, thus opening the main streets and squares for travel, but also flushes and purifies the sewers.

It is the duty of this department to care for the removal of snow from all sidewalks in front of public buildings and public grounds, and to prevent them from becoming slippery.

Ordinance No. 46, approved February 12, 1904, Section 1 and 2 of which are quoted below, clearly regulates the removal of snow and ice on sidewalks.

Section 1. No owner or tenant of land abutting upon a sidewalk within the limits of any highway or townway in this city shall suffer to remain on such sidewalk for more than six hours between sunrise and sunset, on any day, any snow nor any ice, unless such ice is made even and covered with sand or other suitable material to prevent slipping. Such owner and tenant shall remove all snow and ice from such sidewalk within the time and in the manner herein specified

Section 2. Whoever violates any of the provisions of Section 1 of this ordinance shall forfeit to the city the sum of twenty-five dollars for each offence.

Boxes filled with fine sand have been placed within easy access of the push cart men who care for the smoothly paved streets, squares, and subways.

Wires Underground.

Permits for opening the streets for burying wires were issued to the Edison Electric Illuminating Company for the north side of Broadway, from a point near Fenwick street, to a point nearly opposite Partridge avenue, and to the New England Telephone and Telegraph Company, for the south side of Broadway, from Boston avenue to the Arlington line. Permits were also issued to the same companies for opening streets to extend their underground system, and to the Boston Elevated Railway Company to lay conduits in the loam space between the car tracks from the Charlestown line to a point west of Grant street.

This does away with all poles except where lights are maintained from the Charlestown line to this point, thus making a great improvement in the appearance of lower Broadway. The total length of underground conduits in the city amounts to fifteen and one-half miles.

Accepted Streets.

There have been fourteen streets accepted during the year, a total length of 9,109 feet. There were six streets constructed, at a cost of $3,272.02, a total length of 2,926 feet. In all streets which were constructed during the past four years, edgestones were set and gutters paved with granite paving blocks before the construction work was begun. This is a good custom to follow.

There were twenty-five streets macadamized and resurfaced, at a cost of $12,942.77. There are 72.954 miles of public streets and 21.506 miles of private streets, making a total length of 94.46 miles of streets in the city.

Perambulation of Boundary Lines.

A committee was appointed to represent Somerville, consisting of a member of the highway committee, the city engineer, and the street commissioner, to meet a committee from Medford November 12, 1907, for the purpose of perambulating the boundary of Somerville and Medford. This committee has attended to its duty and made its report.

Sidewalks Maintenance.

The appropriation for this account was so small that old sidewalks were not re-laid as recommended in last year's report. I hope that the city government will, this coming year, see its way clear to make a much larger appropriation for this account. If this is not done, it is my opinion that the number of accidents

on old sidewalks will increase, and that the damages which might be awarded in these cases would exceed the appropriation which should be made this year. I think it would be to the advantage of the city to make an appropriation sufficient to take care of this branch of the work.

Street Openings.

A great many complaints reach the office of the street commissioner, for which he is blameless, in regard to the uneven condition of some of the newly-constructed streets, and depressions in the gravel and brick sidewalks in the older portions of the city, which are due to trenches made by the sewer, water, gas, and underground wire construction. In many cases in the first instance the defects are caused by trenches having been made to new houses after the street has been constructed, and in the second by work having been done late in the season after the ground is frozen.

The inspection of these trenches will be made by this department, and if found unsatisfactory, will be repaired by skilled labor, and the expense so incurred charged to the different departments and companies.

Tunneling under streets and sidewalks ought not to be allowed when the tunnel is to be more than six inches in diameter, and when borings are made for pipes the bore should be made only large enough to allow the pipe to be put in position. From my experience, it can be safely said that it is impossible to re-fill a horizontal tunnel so that the pavement over the trench will not settle and require repairs which make extra expense for this department. No department, company, or corporation should be allowed to open any street after the frost sets in unless in a case of emergency.

Street Railways.

Permission was granted the Boston Elevated Railway Company to lay double tracks on Mystic avenue. From the Boston line to a point near Austin street the space between the tracks and for a width of eighteen inches outside of the outside rails was paved with paving blocks, and from Austin street to Fellsway East the tracks were laid in ballast on the north side of the street. This street is in very poor condition, and I hope that the state will take the same the coming year and construct it, from Austin street to the Medford line, where the Massachusetts Highway Commission finished this year. This would make a good main highway for travel from nearby cities and towns to Boston over an easy grade.

The Boston Elevated Railway Company widened the curves on College avenue, at Broadway and at Professors Row, to accommodate the large cars they intend running on this line to West Medford.

Emergency Call.

Somerville is the originator of the emergency call in case of accidents for highway men, and is the only city in the Commonwealth having such a call. The following is a copy of an order issued by the street commissioner on October 7, 1907:—

"If at any time after this date, day or night, Sunday or holiday, there should be an accident on the railroad, a burst water main, a collapse of a bridge, a big fire, or any other accident in the same line that would be likely to cause injury to life or limb, or be a menace to the safety of public travel, all employees of the highway department will be required to report immediately at the city stables and receive further orders there. In case of the above-mentioned accidents happening, eight blows will be sounded twice on the fire alarm. For further information, see the foremen or sub-foremen, who will explain more fully."

On October 17, 1907, an alarm was sounded to test the efficiency of the department, and inside of fifteen minutes there were forty-one men, two foremen, three sub-foremen, six double teams, and two single teams at the city stables.

The emergency wagon which is kept in the cellar of the stable was hooked up and in front of the stable in three minutes from the time of sounding the alarm. No one, excepting Mayor Grimmons, Assistant Chief Ring, of the fire department, Commissioner Underwood, and the street commissioner, knew that the alarm was to be sounded.

I wish to recommend that a signal box 8-8 be placed in the city stables for the use of the department. There has also been installed at the city ledge and stables an emergency medicine chest, in compliance with the law of the State Legislature of 1907. These chests have been used several times, with very satisfactory results.

Miscellaneous.

Specifications were sent out to all the local and wholesale concerns and bids asked for the furnishing of tools and supplies of all kinds, including edgestones, brick, sand, gravel, cement, paving stock, etc. The bids were opened publicly in the office of the mayor, and the contracts were awarded to the lowest bidder, preference being given Somerville citizens.

The department maintains its own painter, carpenter, blacksmith, horseshoer, and harness repairer, all employed at the city stables.

If the names of certain streets in different parts of the city which are the same were changed, it would be a great convenience to the public.

This department has been called upon to furnish steam rollers, teams, crushed stone, sand, gravel, and ashes to the other departments, being reimbursed for the same.

There were 207 permits issued to the Cambridge Gas Light Company and ninety-three to the Charlestown Gas and Electric Company for the opening of streets for gas connections and repairs; 124 permits were issued to occupy and 157 to open streets; two to blast rock and forty-four to cross the sidewalks to contractors and corporations; nine to erect canopies, two to feed horses, and nine to run steam rollers through the streets; 172 permits were given to licensed drain layers to open streets for sewer connections.

There were 816 defects in the streets and sidewalks reported by the chief of police which were promptly repaired, thereby, in all probability, saving the city from law suits.

There were fifty-one signs and guide posts erected by the department during the year; 455.4 square yards of crossings paved with granite blocks, flagging, and bricks, and 4,693.4 yards of block stone gutters laid, at a cost of $9,548.64; 2,750 yards of sand and gravel were used; 6,777 loads of dirt and 11,218 loads of scrapings were removed from the streets; 2,000 loads of old macadam and 1,439 loads of ballast were used in the repairs and construction of streets; 3,836 loads of ashes were used in the repair and construction of sidewalks and in setting and re-setting edgestones; 5,445.9 square yards of granolithic and 7,278.8 square yards of brick sidewalks were laid, and 13,791.3 feet, or nearly 2.612 miles of edgestones set, at a cost of $30,111.22; 8,762.4 feet of edgestones, or nearly 1.66 miles, were re-set, and 3,077.3 square yards of brick sidewalks re-laid, at a cost of $2,173.70. This amount includes patching sidewalks and attending to police reports of defects. There were 1,654.4 square yards of granolithic sidewalk laid by private parties on private streets.

I have attended twenty-five meetings of the Committee on Highways to consult and give information regarding work and petitions.

Recommendations.

I recommend that permanent paving be laid on Broadway, north side, from New Cross street to Fellsway East. This would carry the improvement to a point opposite the paving laid this year. Permanent paving should be laid on Highland avenue, extending from the pavement at Hamlet street northerly as far as the appropriation would allow.

The freight houses of the Boston & Maine Railroad, being removed from Boston to Rutherford avenue, Charlestown, cause all the heavy teams of the packing houses to use Medford street and Washington street, instead of East Cambridge. These streets are in poor condition and permanent pavement should be laid on the same, also on Somerville avenue, from Kent street to Oak square. Main street, from Broadway to the Medford line, is very narrow, thus making it a hard street to keep in repair, and should be paved with permanent pavement.

Summer street, from Belmont street to Cutter square, should be re-macadamized, and School street, from Broadway to Medford street, and College avenue, from Davis square to Powder-house square, tarviated.

The re-macadamizing with a Tarvia top of Broadway, near Willow bridge, should be extended this year westerly to Powder-house square, and easterly to Magoun square.

Edgestones should be set and gutters paved with granite blocks on College avenue, from Broadway to the Medford line, Medford street, from the Boston & Maine Railroad bridge to Highland avenue, Beacon street, southerly side, from Washington street to Park street, Elm street, from White street to Cutter square, and on one side of Packard avenue and Curtis street, the other sides of these streets being already set. This would improve the appearance of these two streets and care for the surface water which now gullies the sidewalks and gutters after a storm.

There are several brick and granolithic sidewalks that should be extended or the spaces completed so as to make one continuous walk between intersecting streets, as these spaces are very disagreeable to pedestrians, especially in the spring and fall.

Highways Maintenance Account.

CREDIT.

Balance from 1906		$1,926 60
Receipts and credits:—		
Commonwealth of Massachusetts, street railway tax	$40,439 71	
Boston Elevated Railway tax	8,908 18	
Bills receivable (Health Department)	191 90	
Use of steam road rollers by sundry persons	292 50	
Waldo Bros., cement bags	9 69	
Materials furnished prior to January 1, 1907, uncollected that day	168 38	
Boston & Maine Railroad (proportional part of cost constructing sidewalk in Willow avenue, 1906)	50 25	
Transfer from Overlay and Abatement account	7,000 00	
Value of materials on hand January 1, 1907	896 43	
Value of tools and property on hand January 1, 1907	25,783 59	
		83,740 63
Less amount transferred to Sidewalks Maintenance account		1,000 00
		$82,740 63
Profit and loss on tools, property, and materials		2,975 44
Total credit		$87,642 67

DEBIT.

Expenditures:—		
For repairs of sundry streets as per table B, at end of this report		$12,987 02
General repairs of streets		9,109 24
Repairs and maintenance of gravel sidewalks		2,441 94
Repairs of street crossings		184 90
Repairs of stone paving		34 90
Repairs of street paving		13 25
Repairs of gutters		140 15
Removing snow and ice and care of slippery sidewalks		9,673 28
Cleaning streets		17,714 98
Care of subways		212 96
Removing trees		469 33
Trimming trees		278 10
Setting trees		3 65
Blacksmithing		310 78
Carpentering		654 26
Painting		133 81
Street signs		267 78
Street Commissioner's salary		2,000 00
Street Commissioner's team		264 36
Street Commissioner's telephone		18 53
Steam piping for dry house		67 89
Grading sidewalk, Warner street		48 25
Street opening at Broadway Parkway, opposite Fellsway east		124 58
Street opening, Highland avenue, between Cedar and Cherry streets (at Gurney estate)		48 82
Repairing shed		14 93
Repairing driveway		6 75
Health Department (bill unpaid December 31, 1907)		279 75
Public Grounds (bill unpaid December 31, 1907)		438 29
Sewer Department (bill unpaid December 31, 1907)		103 05
Boston Elevated Railway Co. (bill unpaid December 31, 1907)		48 40
Private work, the bills for which remained unpaid December 31		406 35
Books, printing, stationery, and postage		90 00
Sundry expenses		1,473 06
Bills payable January 1, 1907		16 75
Clarendon-hill ledge (labor)		150 07
Value of materials on hand this day		1,460 64
Value of tools and personal property on hand this day:—		
Horses	$6,940 00	
Carts and implements used with horses	6,341 75	
Harnesses and horse clothing	1,022 88	
Stable utensils and property	548 75	
Tools	2,452 32	
Steam road rollers	7,150 00	
Stone crusher and fittings	2,053 00	
Street signs	62 00	
		26,570 70
Total debit		$88,261 50
Amount overdrawn		$618 83

Highways Construction Account.

CREDIT.

Balance from 1906		$2,879 89
Appropriation		20,500 00
Transfer from Sewers Construction	$3,500 00	
Waldo Bros., cement bags	783 75	
	$4,283 75	
Less transfer to Sidewalks Construction	2,000 00	
		2,283 75
Advertising and recording deeds in 1905 and 1906, charged in construction of streets in 1907		104 06
Total credit		$25,767 70

DEBIT.

Expenditures:—		
Construction or partial construction of streets, as appears by table A, at end of this report	$3,356 06	
Less assessments	1,743 00	
		$1,613 06
Paving Medford street and Central square to Highland avenue, with Hassam pavement		7,113 87
Paving Broadway (both sides), from end of pavement laid in 1906 to Cross street, and on southwesterly side, from Cross street to westerly line to Fellsway east, extended		14,833 25
Paving Cross street (both sides), from Medford street to Tufts street, with Hassam pavement		1,373 09
Paving Highland avenue (northeasterly side), from School street easterly to westerly end of driveway to the Public Library, with Hassam pavement		235 70
Widening Mossland street (northerly side), at corner of Elm street, and (southerly side) at corner of Somerville avenue		1,675 11
Medford-street paving, Washington street to Central square, and Prospect Hill avenue (constructed in 1906), final payment		84 79
Medford-street paving, from School street to Broadway (constructed in 1906), final payment		122 78
Union-square paving, from Bow street to easterly corner of Stone avenue, and Somerville avenue, from Union square, westerly (southerly side), twenty-five feet beyond St. Thomas' church (constructed in 1906), final payment		267 08
Advertising and recording releases for streets not constructed		151 85
Highway Betterment assessments, Veazie street and Clarendon avenue, assumed by city		131 23
Real estate liens (tax title of 1904)		29 53
Sundry expenses		32 12
Books, printing, and stationery		26 75
Total debit		$27,690 21
Amount overdrawn		$1,922 51

HINCKLEY STREET, BEFORE ACCEPTANCE

HINCKLEY STREET, AFTER ACCEPTANCE AND CONSTRUCTION

Highways, Paved Gutters and Crossings.

CREDIT.

Appropriation		$10,000 00
Value of materials on hand January 1, 1907	$2,132 00	
Net gain on materials	724 44	
		2,856 44
Total credit		$12,856 44

DEBIT.

Expenditures:—		
For paving seventeen gutters as per table,	$8,995 49	
Repairing gutters, Concord avenue (Prospect street to Leon street)	444 14	
Street crossings as per table	1,463 60	
Value of materials on hand this day	1,379 50	
Total debit		$12,282 73
Balance unexpended		$573 71

Highways, Watering Streets.

CREDIT.

Receipts:—		
Assessments and contributions from abutters	$29,079 05	
Insurance on water carts (collected from contractors)	72 00	
Total credit		$29,151 05

DEBIT.

Expenditures:—		
Inspector of street watering	$936 25	
Teaming (street watering)	21,653 32	
New water carts (10)	3,605 00	
Repairing water carts	1,192 22	
Painting water carts	891 76	
Building water shed	67 00	
Board of horse	92 10	
Horseshoeing	20 25	
Insurance on water carts	63 00	
Books	16 00	
Printing	17 50	
Clerical work (making up assessment list),	120 68	
Water posts	337 84	
Repairing water posts	186 07	
Use of city teams	111 60	
	$29,310 59	
Value of materials on hand this day	258 50	
		$29,569 09
Amount overdrawn		$408 04

Highways, Shade Trees.

CREDIT.

Appropriation		$500 00

DEBIT.

Expenditures:—		
For labor, setting trees	$251 76	
Use of city teams	67 20	
Rubber for tree guards	3 35	
Trees (152)	147 50	
Transportation of trees	8 00	
Loam	9 00	
Total credit		$486 81
Balance unexpended		$13 19

Sidewalk Construction Account.

CREDIT.

Appropriation	$12,000 00	
Transfer from Highways Construction account	2,000 00	
Receipts and credits:—		
From North Packing and Provision Co., constructing brick sidewalk, Warren street	73 95	
George F. McKenna, proportional part for construction of granolithic sidewalk, Medford street and Sycamore street	100 00	
Total credit		$14,173 95

DEBIT.

Expenditures:—		
For forty-six sidewalks constructed as per table C	$29,786 79	
Less assessments	14,893 44	
	$14,893 35	
Constructing sidewalk as per table D	183 61	
Work on Summit-street sidewalk (abandoned)	39 30	
Warren-street sidewalk (northerly side), from Cambridge line to Medford street, and covered with bricks (paid by North Packing and Provision Co.),	73 95	
Constructing granolithic steps for J. A. Ells, Bartlett street	5 57	
Books, printing, and stationery	15 00	
Total debit		$15,210 78
Amount overdrawn		$1,036 83

Sidewalk Maintenance Account.

CREDIT.

Appropriation	$1,000 00	
Transfer from Highways Maintenance account	1,000 00	
Total credit		$2,000 00

DEBIT.

Expenditures:—		
Bricks used in repairing sidewalks	$258 02	
Crushed stone	32 13	
Sand	41 92	
Gravel	16 00	
Repairing granolithic sidewalks	13 49	
Repairing concrete sidewalks	8 00	
Labor	1,511 25	
Use of city teams	152 60	
Tools	14 30	
Total debit		$2,047 71
Amount overdrawn		$47 71

TABLE A.

Streets Constructed in 1907.

Street.	From	To	Constructed	Length in Feet.	Cost.
Giles park	Walnut street	Westerly end	Wholly	167	$ 215 30
Hamlet street	Highland avenue	Southwesterly end	Wholly	451	420 46
Hinckley street	Broadway	Richardson street	Wholly	579	667 39
Nashua street	Richardson street	Boston Lowell R. R.	Wholly	637	717 84
Thorpe place	Highland avenue	Southwesterly end	Wholly	468	337 07
Vernon street	Glenwood road	Lowell street	Wholly	624	913 96
		Length in feet and cost		2,926	$3,272 02

TABLE B.
Streets Repaired.

Street.	From	To	Description of Work.	Feet.	Cost.
Arthur street	Broadway	Bonair street	Re-surfaced	438	$38 85
Belmont street	Highland avenue	Summer street	Re-surfaced	950	129 38
Brastow avenue	Porter street	Lowell street	Macadamized	686	582 45
Brooks street	Glen street	Cross street	Re-surfaced	504	79 28
Broadway	William street	Willow bridge	Re-surfaced and tarvia	1,200	1,155 96
Central street	Highland avenue	Summer street	Macadamized and tarvia	970	1,133 54
Chester street	Elm street	Orchard street	Re-surfaced	670	94 17
Cherry street	Highland avenue	Summer street	Macadamized	600	440 56
College avenue	P. H. Sq. (Easterly Side)	Davis square	Asphaltum	2,027	821 04
Dickinson street	Springfield street	Beacon street	Macadamized	770	847 68
Ellsworth street	Cross street	Rush street	Re-surfaced	230	26 35
Glen street	Brooks street	Pearl street	Re-surfaced	680	163 84
Lake street	Hawkins street	Carlton street	Macadamized and tarvia	600	987 08
Madison street	School street	Sycamore street	Macadamized	891	659 03
Marshall street	Broadway	Gilman square	Macadamized	1,650	1,518 90
Mystic avenue			Re-surfaced		213 15
Prospect street	Webster avenue	Somerville avenue	Tarvia	900	1.011 63
Putnam avenue	Highland avenue	Summer street	Re-surfaced	1,262	287 18
Rush street	Broadway	Flint street	Re-surfaced	1,400	214 22
School street	Summer street	Berkeley street	Macadamized	460	472 85
Vernon street	Glenwood road	Central street	Macadamized	764	916 44
Vinal avenue	Highland avenue	Grand View avenue	Re-surfaced	210	111 55
Walnut street	Highland avenue	Boston street	Macadamized and tarvia	660	495 22
Walnut street	Highland avenue	Gilman street	Macadamized and tarvia	550	327 40
Warner street	Powder House Square	Medford line	Re-surfaced	500	259 27
	Length in feet and cost			19,572	$12,987 02

TABLE C.

Sidewalks Constructed Where the Materials Were Furnished by the City and One-half the Cost Was Assessed Upon the Abutting Estates.

Street.	Side.	From	To	Feet of Edgestones.	Yards of Bricks.	Yards of Granolithic.	Cost.
Bartlett street	Both	Broadway	Medford street	....	....	991.5	$1,390 00
Beacon street	Northeasterly	In front of estate of	Margaret Thiery, No. 289	....	39.6	....	36 32
Billingham street	Easterly	Kenwood street	Broadway	....	72.4	....	87 69
Boston avenue	Southwesterly	Broadway	Pritchard avenue	707.7	....	....	686 01
Broadway	Northeasterly	In front of estate of	Patrick Kearins, corner Dexter street	....	....	178.8	253 90
Broadway	Southwesterly	Boston avenue	Boston & Lowell R. R. Bridge	243.1	....	243.9	601 21
Cedar street	Northwesterly	Spencer avenue	Lexington avenue	187.	....	...	200 24
Cedar street	Northwesterly	Highland avenue	Spencer avenue	....	138.	....	147 60
Central street	Westerly	In front of estate of	Eliz. T. Mongan, No. 24	....	46.2	....	46 63
Columbus avenue	Southerly	In front of estate of	Timothy L. Keefe, No. 32	....	32.1	....	30 50
*Concord avenue	Both	Prospect street	Leon street	....	1,416.8	....	1,440 71
Curtis street	Northwesterly	Fairmount avenue	Brick Block cor. B'way	....	....	137.3	194 97
Curtis street	Northwesterly	In front of estate of	Winsor L. Snow	....	....	64.	90 88
Dickinson street	Both	Springfield street	Beacon street	....	997.2	....	1,175 58
Fosket street	Both	Willow avenue	Liberty avenue	1,354.5	....	....	1,852 70
Giles park	Both	Walnut street	N'westerly end of Park	338.2	168.5	....	542 95
Glenwood road	Westerly	Broadway	Medford street	....	....	401.4	569 99
Hamlet street	Both	Highland avenue	End of street	919.8	....	....	960 59
Hancock street	Easterly	Elm street	Summer street	....	542.6	....	549 57
Hinckley street	Both	Broadway	Richardson street	1,138.1	....	....	1,035 49
Highland avenue	Northeasterly	School street	Westerly driveway leading to Pub. Library	....	....	120.5	201 11
Josephine avenue	Both	Morrison avenue	Frederick avenue	....	....	813.7	1,310 15
Kenwood street	Both	College avenue	Billingham street	....	....	443.6	629 91
Lake street	Northeasterly	Hawkins street	Church street	737.5			
	Both	Hawkins street	Church street		1,190.6	....	1,852 30
			Carried forward	5,625.9	4.644.	3,394.7	$15,887 09

*Where not already laid.

TABLE C.—Concluded.

Street.	Side.	From	To	Feet of Edgestones.	Yards of Bricks.	Yards of Granolithic	Cost.
			Brought forward .	5,625.9	4,644.	3,394.7	$15,887 09
Lowell street . .	Easterly . .	In front of . . .	Belmont and Lowell street playground .	98.	....	....	97 43
Medford and South streets . .	.....	In front of estate .	No. 20 and 22 Medford street and 2 and 4 South street . .	....	50.4	....	59 39
Medford street . .	Southeasterly .	Somerville avenue .	R. R. Crossing . .	....	413.7	....	438 80
*Medford street . .	Southerly . .	Bartlett street . .	Magoun square, . .	....	882.3	....	858 52
Munroe street . .	Northerly . .	Prospect Hill avenue	Inc. estate No. 21 .	180.2	....	136.	425 72
Nashua street . .	Both . . .	Richardson street .	B. & M. R. R. South'n Div.	1,161.9	....	....	1,139 24
Oxford street . .	Northeasterly .	Trull lane . . .	Central street . .	....	....	315.2	589 79
Packard avenue . .	Westerly . .	Broadway . . .	Professors' row . .	1,559.4	....	....	1,613 52
Park avenue . .	Easterly . .	Chandler street . .	Wallace street . .	....	....	120.5	171 11
Partridge avenue .	Easterly . .	Broadway . . .	Medford street . .	....	336.9	....	362 13
Perry street .	Easterly . .	Washington street .	Lincoln park . .	....	....	....	....
	Westerly . .	Washington street .	Est. No. 25 . . .	....	497.6	....	529 12
Perry street . .	Easterly . .	Sidewalk already laid and along Lincoln	Lincoln parkway . . Parkway to Wyatt st.	30.1	210.7	....	282 78
Pritchard avenue .	Northwesterly .	In front of estates .	Nos. 30, 32, 34, 36, 38, 40	....	....	87.2	123 82
Rogers avenue . .	Westerly . .	Morrison avenue .	Frederick avenue .	....	....	430.	664 65
Rogers avenue . .	Westerly . .	In front of estate of .	Florence E. Perry . Nos. 54 and 58 . .	....	....	53.2	82 64
*Summit street . .	Northerly . .	In front of estate of .	Stephen H. Murphy .	....	59.5	....	57 15
Summer street . .	Southwesterly .	Hancock street .	Burnside avenue . .	....	118.5	....	117 35
Temple street . .	Southeasterly .	Jaques street . .	Derby street . .	236.	....	....	241 73
Thorpe place . .	Both . . .	Highland avenue .	End of street . .	915.9	....	....	934 45
*Vernon street . .	Both . . .	Lowell street . .	Central street . .	2,342.4	....	....	2,279 77
*Willow avenue . .	Northwesterly .	Broadway . . .	Morrison avenue .	1,641.5	....	....	1,723 36
Windsor road . .	Both . . .	Hancock street . .	Willow avenue . .	....	....	779.8	1,107 32
				13,791.3	7,213.6	5,316.6	$29,786 79

*Where not already laid.

TABLE D.

Sidewalk Constructed Where a Proportional Part Was Paid For by the Abutter.

For	Street.	Yards of Granolithic.	Cost.
George F. McKenna . .	Medford and Sycamore streets	129.3	$183 61

TABLE E.

Gutters Paved in Connection with Setting Edgestones.

Street.	Side.	From	To	Square Yards.	Cost.
Broadway	Southwesterly	Boston avenue	Railroad bridge	81.	$168 67
Boston avenue	Southwesterly	Rogers avenue	Pritchard avenue	235.9	473 36
Cedar street	Northwesterly	Spencer avenue	Lexington avenue	62.3	133 15
Fosket street	Both	Willow avenue	Liberty avenue	451.5	856 35
Giles park	Both	Walnut street	Northwesterly end	112.8	205 55
Hamlet street	Both	Highland avenue	End of street	306.6	536 25
Hinckley street	Both	Broadway	Richardson street	379.3	753 86
Lake street	Northeasterly	Hawkins	Church street	245.8	388 80
Lowell street	Easterly	In front of the	Belmont and Lowell street playground	32.7	53 04
Munroe street	Northerly	Prospect Hill avenue	Including estate No. 21	60.1	138 06
Nashua street	Both	Richardson street	Boston & Maine R. R.	387.3	671 85
Packard avenue	Westerly	Broadway	Professors row	616.1	1,289 04
*Perry street	Both	Wyatt street	Northerly	10.	11 25
Temple street	Southeasterly	Jaques street	Derby street	78.7	197 10
Thorpe place	Both	Highland avenue	End of street	305.3	589 37
Vernon street	Both	Lowell street	Central street	780.8	1,423 04
Willow avenue	Northwesterly	Broadway	Morrison avenue	547.2	1,106 75
			Total	4,693.4	$8,995 49

* Where not already laid.

TABLE F.

Driveways Constructed at Expense of Abutters.

For.	Location.
Mrs. E. Ashworth	104 Cross street
J. A. Bremner	344 Somerville avenue
E. L. Davis	150 Broadway
Derby Desk Co.	Vernon street
Alexander S. Ford	205 Tremont street
F. A. Flood	108 Prospect street
George F. Hadley	Richdale avenue
James P. Hurley	25 Sydney street
William F. Henderson	28 Elm street
J. A. Marsh & Co.	Park street
Anna Monahan	13 Perry street
National Casket Co.	Somerville avenue
Thomas O'Connell	4 Tufts street
G. Henry Perkins	16 Arthur street
Winsor L. Snow	57 Dover street
Arthur C. Whitney	Wheatland street

TABLE G.

Driveways Discontinued at Expense of Abutters.

For.	Location.
Martha M. Brown	14 Dover street
James Cohen	129 Sycamore street
Rev. C. T. McGrath	12 Webster avenue
Rev. J. J. O'Brien	179 Summer street

TABLE H.

Driveway Re-located at Expense of Abutter.

For.	Location.
Henry G. Applin	100 Cross street

TABLE I.

Driveways Extended at Expense of Abutters.

For.	Location.
F. S. McGown	97 Flint street
Arthur Viano	140 Holland street

TABLE J.

Streets Accepted by the Board of Aldermen of 1907.

Street.	Ward.	From	To	Width in Feet.	Length in Feet.	Accepted.
Alpine street	5	Cedar st.	Accepted portion of Alpine st.	Varying from 30 to 40	667	September 13, 1907
Appleton street	7	Liberty ave.	Clifton st.	40	120	January 3, 1908
Autumn street	4	Broadway	Bonair st.	20	408	December 27, 1907
Bay State avenue	7	Broadway	Fosket st.	40	1,237	October 25, 1907
Boston avenue	6	Broadway	Pritchard ave.	Varying from 65 to 50	796	September 13, 1907
Concord avenue	2	Beacon st.	Wyatt st.	30	472	December 27, 1907
Granite street	3	Somerville ave.	Osgood st.	40	411	June 14, 1907
Highland road	6	Morrison ave.	Boston ave.	30	1,499	November 15, 1907
Howard street	7	Thorndike st.	Gorham st.	40	431	May 10, 1907
Lexington avenue	6	Cedar st.	Hancock st.	Varying from 40 to 45	725	July 26, 1907
Liberty avenue	7	Hall ave.	Appleton st.	40	98	January 3, 1908
Lowden avenue	7	Broadway	Fosket st.	40	1,247	September 13, 1907
Mystic street	1	Mystic ave.	Benedict st.	40	336	December 27, 1907
Vine street	2	Beacon st.	Hanson st.	30	662	October 25, 1907
		Length in feet			9,109	

TABLE K.

Street Crossings Laid.

BRICKS.

Belmont street, across same, from playground to Spring Hill Baptist church.
Broadway, across same, from easterly side of Franklin street, between car tracks.
Highland avenue, across same, from easterly side of Cutter avenue.
Rogers avenue, across same, easterly and westerly at Boston avenue.

GRANITE FLAGGING.

Beacon street, across same, from westerly side of Dickinson street.
Broadway, across same, from northerly side, near Dexter street, to and including car tracks.
Dickinson street, across same, from westerly side of Springfield street.
Elm street, across same, from westerly side of Cedar street.
Main street, across same, from easterly side of Moreland street.
Main street, across same, from westerly side of Fremont street.
Medford street, across same, from northerly side of Warren street.
Mt. Vernon street, across same, from both sides of Perkins street.
Perkins street, across same, from both sides of Mt. Vernon street.
Perry street, across same, from Lincoln Parkway and Wyatt street.
Somerville avenue, across same, from easterly side of Rossmore street.
Vernon street, across same, at Central street.
Wyatt street, across same, from southerly side of Marion street.

Length of Accepted Streets in Each Ward.

	Miles.
Ward 1	9.354
" 2	8.167
" 3	7.448
" 4	9.225
" 5	11.182
" 6	12.163
" 7	15.415
Total length of accepted streets in the city	72.954

Respectfully submitted,

ASA B. PRICHARD,

Street Commissioner.

REPORT OF THE INSPECTOR OF TREES.

OFFICE OF THE INSPECTOR OF TREES,
City Hall, January 1, 1908.

To His Honor, the Mayor, and the Board of Aldermen:—

Gentlemen,—I most respectfully submit the following report, containing a brief summary of the principal work performed by this department during the year 1907, toward suppressing the gypsy and brown-tail moths in our city:—

Protecting Property Owners.

On October 1, 1907, a notice was issued, with the approval of his honor, the mayor, from this office, a copy of which was left at each door in the city by an inspector of this department, and in case of a vacant lot where trees existed, these trees were properly posted, in accordance with the law. On the lower part of this notice there was a request that work done by contractors should be inspected and approved by the inspector of trees before payment for the same is made.

Many owners of property took advantage of this offer and in this way were positively relieved of a second payment for the one job, and in case some nests were overlooked by the private parties, the person who made the inspection would see them, and the original party would be called back to complete the work.

Many cases of poor individual moth work have been discovered, and in many cases the person paid for the work was found and sent back to make good his agreement.

The Gypsy Moth.

The gypsy moth, a well-known European insect pest, was brought to America about 1868 by Professor Leopold Trouvelot for use in his experiments on silk-producing insects. Accidentally escaping, it spread gradually in the woodland near Professor Trouvelot's home in Medford, Mass., and becoming acclimated soon developed into a first-class enemy of fruit and shade trees. By 1888 the plague of the gypsy moth caterpillars had become notorious, and in 1890 the state commenced its work against the insect. This work, at first carried on by a commission, but principally by the State Board of Agriculture, resulted in bringing the pest under control, and by 1899 so few moths could be found and so little damage was caused by the insect that the legislature of 1900, probably not realizing the necessity of continuing control measures, stopped the work. The few moths left in 1900 multiplied to such an extent that in 1906 the caterpillar plagues of 1888-90 were duplicated over a much larger area in eastern Massachusetts. Since these insects kill trees and shrubs by repeated defoliations, not to mention the

annoyance caused by the invasion of houses by the swarming caterpillars, it is important that property owners should familiarize themselves with the appearance and habits of the moth and the best means for destroying it in its various stages of development.

During 1907 much work has been done by the state and cities nearby, and another year it is hoped the moth will be brought under control.

Life History.

In July and August the female moths lay their yellow, hair-covered egg masses on tree trunks, fences, walls, etc. Each egg cluster is about one and one-half inches in length, by half an inch in width, and contains about five hundred eggs. Hatching takes place in April or May. The young caterpillars first attack the buds, and later the blossoms and foliage. Spinning down on silken threads, they are blown about by the wind, or falling on teams are often transported long distances. As they grow, the effects of their feeding become more apparent, and badly infested fruit trees, shade trees, and woodland are soon as bare of foliage as in mid-winter. By July, the caterpillars change to pupae, from which the moths emerge in the course of two weeks to lay eggs for the next year's brood.

Distribution.

Teams, automobiles, electric cars, etc., are the principal means of spreading the moth. The female moths do not fly, and the caterpillars seldom crawl over 200 feet. But each infested spot, early in the spring, yields a swarm of tiny caterpillars, which by the agencies mentioned spread locally, or even to considerable distances, the main spread being, of course, along the principal lines of travel.

Food Plants.

The gypsy moth caterpillar is remarkable in that it attacks nearly all our common fruit and shade trees. The apple, oak, and willow would seem to be slightly preferred, while the white ash and rock maple are attacked to a less extent. Garden vegetables, flowers, and shrubs are consumed as readily as the foliage of fruit trees. Pines and other coniferous trees die as a result of one defoliation, while deciduous trees seldom survive stripping three years in succession.

Remedies.

Egg-destruction.—This is best accomplished by searching out the egg clusters in the fall, winter, or spring, and soaking them with creosote mixture. This preparation may be found in the hardware stores, and retails at seventy-five cents per gallon. In applying it a small paint brush is used, it being important to thoroughly soak the nests.

Burlapping.—When a loose band of burlap or other cloth is tied about an infested tree trunk, the caterpillars will gather under it in the early morning, and may then be destroyed by hand. The burlap should be examined daily.

Spraying.—Spraying with arsenate of lead at the rate of ten pounds to one hundred gallons of water is very effective when the caterpillars are small. Any of the common hand outfits will suffice for the spraying of shrubs or flowering plants. For use on trees, a barrel pump is desirable. The poison should be thoroughly mixed in water, and applied if possible on a clear dry day.

Cutting and Burning.—In woodland infested by the moth, it is usually desirable to thin out the trees and cut the underbrush. The brush so obtained should be burned early in May after the caterpillars have hatched. If this work is followed by spraying and burlapping, the moth can be brought under control.

In parts of the city there are many worthless or scrub apple trees and other trees (especially the wild cherry tree, a regular moth breeder) which are neglected by their owners, and merely serve as breeding places for the moth pests; also worthless brush along fences and walls, principally in the West Somerville section, and property owners are urged to cut and burn such neglected trees and brush, thus doing away with the breeding places of the moths.

Natural Enemies.

While the gypsy moth is a serious enemy of trees, it has its own foes in the shape of predaceous insects, parasites, and birds. Several ground beetles prey on the caterpillars, while true parasitic insects attack both larvae and pupae. Several species of birds, notably vireos and cuckoos, consume large numbers of the caterpillars, while others, like the chewink, chickadee, blue jay, and crow, do their part in reducing the numbers of the pest. The services of these natural tree protectors is worthy of high praise, but in attempting to control the moth, the main reliance must be placed on human efforts—on the timely and thorough application of the remedial measures outlined above.

The state ceased its work in 1900, as previously stated, and in 1901 the city undertook the burden, and has since handled it.

There are nests to be found in all sections of Somerville, but this is caused by the work in the surrounding towns and cities lying idle from 1900 to 1905, when a law was enacted compelling these localities to take up the work where the state left off.

All colonies of this moth in this city have been broken up, and what now appear are scattering, and it is hoped soon to have them practically wiped out.

The Brown-Tail Moth.

The history of the brown-tail moth is as old as the history of economic entomology. When the early scientists began to re-

cord the habits of insects injurious to fruit trees, this pest was one of the first to be described. It found its way to Somerville, Mass., in the late nineties, probably on rose bushes imported from Holland, and has now spread throughout eastern Massachusetts, southern New Hampshire, and southwestern Maine.

The first outbreak of the brown-tail moth covered only a few square miles in Somerville and Cambridge. It was sufficient, however, to yield a swarm of moths which flew, or were drifted by a high wind over a wide territory. As the female moth is a strong flyer, its spread has been rapid. In addition to the effect of the wind, the insects are also strongly attracted to light. It results, therefore, that a swarm of moths arising from any infested spot and being drifted by the wind out of their immediate environment fly to the nearest mass of lights. Thus the centres of cities and towns become first infested, and here are established the colonies from which a more general infestation takes place. Electric cars, railroad trains, and even steamboats serve to transport the moths. The rapid spreading of the insect indicates that within a few years it will be well distributed throughout New England.

Life History.

The brown-tail moth lays from two hundred to four hundred small globular eggs, thickly covered with a mass of brown hairs from the tip of the abdomen of the moth. The typical egg mass is about two-thirds of an inch long and about one-quarter of an inch wide. While the eggs are occasionally deposited on branches or trunks of trees, or even on lamp posts or house walls, a very large majority are laid on the under surfaces of the leaves of fruit and shade trees. The moths show a strong liking for pear trees, and will apparently seek out trees of this species in preference to any others. At the same time the apple, elm, wild cherry, and white oak are very commonly infested by the insect, while other trees suffer to some extent.

The eggs laid in July hatch the following month, and the young caterpillars, feeding in a mass, soon commence their work of spinning their winter webs. In making this web, a number of leaves in the vicinity of the egg clusters are drawn together and are carefully spun in with a tenacious silken web. With the approach of cold weather the caterpillars enter the web and close the exit holes. We then have the strange phenomenon of a caterpillar wintering over when only one-quarter grown and emerging the following spring to complete its life history. Whatever extremes of cold we have in Massachusetts do not seem to affect these insects adversely. They emerge early in the spring, eat first the buds, then the blossoms, and attack the foliage of fruit trees as soon as it develops. The full-grown caterpillar is light brown, with a white stripe on either side, and about two inches in length. Stripping the foliage of one tree, they march to another, and so continue until full grown, when

the cocoons are spun within the leaves at the ends of the branches, or sometimes on the tree trunks. The pupation usually takes place the latter part of June, and the moths emerge from the first to the twentieth of July. The snow-white female moth is conspicuously marked with an enlarged tuft of brown hair, which gives to the insect its common name.

Nettling by the Caterpillars.

The damage by the caterpillars to the fruit trees is only a part of the story. Whenever these insects come in contact with human flesh they produce a most severe and painful nettling. This is apparently not due to any poisonous material in the hairs, but rather to the finely-barbed and brittle hairs themselves. So severe is this affection that in many cases people have been made seriously ill by it. The best remedy for it is the liberal use of cooling lotions, or, what is more satisfactory, even if less pleasant, the free use of common vaseline.

Remedies.

The habit of the caterpillar in wintering over in webs at the tips of the branches gives a key to the simplest and cheapest remedy, which is merely to cut off and burn the webs during the fall, winter, or spring. This preventative means is most effective, and gives such excellent results that in Germany, France, and Belgium there is a law making it obligatory on property owners to destroy the webs during the winter season. Where citizens neglect to carry out this work it is done for them by local authorities, and the sum thus expended added to their tax levy.

Winter Work.—The work of removing the webs is best done by the use of a long-handled tree pruner or similar device. Particular care should be given to gathering the webs and burning them, as any left on the ground will yield caterpillars and continue the infestation locally.

Spraying.—Spraying is very effective against these insects; in fact, they are much less resistant to the action of poison than is the gypsy moth or elm leaf beetle. To secure best results, spraying should be done as soon as the foliage develops in the spring. Five pounds of the arsenate of lead paste to one hundred gallons of water is sufficient.

Where the caterpillars swarm from trees along fences or on house walls, the use of kerosene emulsion or strong soap suds is advisable. Fall spraying with arsenate of lead is also effective, but the feeding of the caterpillars at that time of the year is usually of minor importance.

Little good can be done in the way of collecting the eggs or trapping the moths by light, although many of the mature insects are destroyed by arc lamps. There is no method of combatting the brown-tail moths that will give better results for the outlay than the destruction of the webs in the winter season. Cases will arise where the caterpillars swarm from adjoining estates,

and where this occurs banding the trees with some sticky material, as heretofore described, will protect the foliage from harm.

Natural Enemies.

Like the gypsy moth, the brown-tail moth is attacked by numerous parasites and by certain birds, but the latter do not appear to take to it as readily as to the former insect. Of the birds, the cuckoos, vireos, and orioles are most helpful, while English sparrows eat many of the winged moths. The garden toad also does its part in feeding first on the migrating caterpillars, and later on the moths as they fall injured from the street lights.

The city moth crew clean the trees on the streets first, which takes until the first of March; they then inspect all the yards in the city, and in case the nests are still on the trees, they are removed, and the time consumed is charged to the owner, and is added to his tax bill as a separate item for moth suppression.

The city took hold of the problem in 1901 and dealt it a very severe blow, not stopping up to the present time. We can safely say the pest is under control, but we cannot wholly stamp it out while the surrounding cities and towns are really fighting for control, not to mention real suppression.

The brown-tail moth does not wait to be carried (as does her sister, the gypsy moth), but, being a powerful flyer, makes good use of her wings. Thus, no matter how perfect our work is done in this city, we shall continue to have brown-tails until the surrounding cities and towns are clear of them.

Our winter work relieves our citizens from being poisoned by this caterpillar. As we do not have the full-grown worm, we have only the moth, eggs, small caterpillar in September, and then the winter webs on the trees, which are cut down in cold weather by the moth men. The citizens are also relieved of their trees being eaten during the summer months. We also remove in the winter the nests made by the moths from other cities and towns.

Incinerating Apparatus for Brown-Tails' Nests.

At the city stables, in the highway department yard, is installed an apparatus for burning to ashes paper or rubbish of any kind, which the street commissioner kindly allows this department to use to burn brown-tail nests.

These winter webs of the brown-tail moth caterpillars (sometimes called nests) are clipped from the trees, gathered in buckets by the men, and later emptied into burlap bags of three-bushel capacity. These are carried every night to the incinerator which destroys them. By this manner of destruction, it seems almost impossible for any to escape.

The egg-clusters of the gypsy moth are painted with creosote oil on the objects on which they are laid, which totally destroys them. In case they are deposited on a house wall or

newly-painted fence, judgment is used, and generally they are scraped off into the pail of oil.

The Parasite Problem.

The state parasite station, formally in Saugus, has been moved to Melrose Highlands.

At present the hatchery has many kinds of live parasites, and a large quantity in the egg form.

Many thousand parasites have been liberated, and much good work is expected in the near future.

The Japanese Bug Found in Dorchester.

Cuidocampa flacescaus, the Japanese moth found in Dorchester, seems to be confined at present to a section around Blue Hill avenue, it being learned from investigation that the moth was brought to this country from Japan several years ago by a party of Japanese who came to the Japanese hospital on Blue Hill avenue. It is known that the moths are to be found also in China and Korea.

The species has been found nowhere else in the country.

The authorities during the past summer have taken active steps, spraying all infested trees in the hope of exterminating this pest.

Upon a careful investigation, we are very thankful to find our city free from this pest.

Information on Imported Elm Leaf Beetle.

Owing to the prevalence of this insect in the Winter-hill district of our city this year, and the numerous inquiries which were made concerning its habits, the following information may be found useful:—

The mature beetle hibernates in large numbers under shingles and clapboards of buildings and under the rough bark of trees and elsewhere. In May the beetles emerge from their winter quarters and feed for some weeks on the foliage of the elm, making round holes through the leaves. A badly-infested tree at that time of year appears as if charges of fine shot had been fired through the foliage. The eggs, similar in appearance to those of the potato beetle, are laid in clusters on the under side of the leaves. Hatching takes place late in May or early in June.

The slugs feed on the lower epidermis of the leaf, and by July 1 often cause the trees to turn as brown as if scorched by fire. When full grown, the slugs are about one-half an inch long, yellowish, with a conspicuous black stripe on either side, and black dots down the centre of the back. About the middle of July they descend to the trunk of the tree or to the ground, and pupate in large masses. The pupae are orange yellow in color, and from them the beetles emerge by August 1.

Remedy.

Spraying with arsenate of lead during the first two weeks of June will destroy the slugs and prevent injury to the trees. Care must be taken to thoroughly spray the under surface of the leaves. Later in the season the slugs and pupae may be destroyed in the bark or at the base of the trees by the use of strong soap suds, kerosene emulsion, or even hot water.

The above remedies were both used very effectively where the beetles appeared.

The English elm trees were generally favored as the food for this insect.

Miscellaneous.

The total expenditure for moth suppression since the state ceased its work in 1900 is $31,272.99. The city crew removed the moth nests on 1,499 private estates in 1907. One thousand sixteen poles owned by The New England Telephone & Telegraph Company, and about 4,000 owned by The Edison Electric Illuminating Company of Boston have been inspected, and the egg clusters destroyed when found, at the expense of the owners of said poles.

Removing the moth nests from the trees in the city's gravel pit in Waltham cost $96.

Two hundred and fifty-seven notices were posted on trees on vacant lots throughout the city. Over 12,000 notices were delivered at houses by the inspectors of this department during October.

From ten to sixteen pounds of arsenate of lead to the 100 gallons of water was the mixture used in spraying the trees against the brown-tail and gypsy moth, together with the elm leaf beetle.

Properties of the Department.

1 100-gallon Ware hand spraying machine, with hose.
1 50-gallon barrel hand pump, with hose.
2 cyclone burning machines, with hose and nozzles.
2 dozen telegraph pruners, with 18-foot poles.
½ dozen Waters tree pruners.
1 double-edge pruning saw.
2 hand saws.
2 cross-cut saws.
1 cross-cut bull saw.
5 axes.
1 brush scythe.
2 18-foot ladders.
2 21-foot ladders.
4 36-foot extension ladders.
1 45-foot extension ladder.

Recommendations.

I would most respectfully recommend that a gasolene spraying machine be purchased the coming spring. The two machines now used are of hand power, and are insufficient to

perform the work expected of the department at the present time.

We are called upon to do all the tree spraying throughout the city, both on street trees and on private property.

Four lines of hose are used when spraying the large elms. This requires both machines to operate them, which takes a man on either pump, while with a power sprayer we can operate as many lines of hose as can be properly used with the one man handling the machine. Time and money could be saved by the purchase of such a machine.

I wish to extend my sincere thanks to his honor, the mayor, the board of aldermen, heads of departments, and all city officials with whom I am associated, and the general public, for their help and hearty co-operation with this department in its hazardous undertakings, and I would express my appreciation of the efficient services of the foreman, inspectors, and all others employed in the department.

Suppression of Gypsy and Brown-Tail Moths.

CREDIT.

Appropriation	$4,000 00	
Receipts:—		
Assessments and contributions from sundry persons	2,131 11	
Total credit		$6,131 11

DEBIT.

Expenditures:—		
Inspector	$463 75	
Labor, removing brown-tail and gypsy moths from trees	4,526 82	
Tools	186 56	
Repairing tools	12 70	
Creosote, lead, and oil	221 54	
Tar and cement	5 20	
Burlap and twine	116 24	
Use of city teams	326 20	
Clerical service	79 01	
Books, printing, stationery, and postage	146 05	
Incidentals	47 75	
Total expenditure		6,131 82
Amount overdrawn		$0 71

CHARLES I. BUCKNAM,
Inspector of Trees.

REPORT OF COMMISSIONER OF PUBLIC BUILDINGS.

OFFICE OF COMMISSIONER OF PUBLIC BUILDINGS,
City Hall, Somerville, January 1, 1908.

To the Honorable, the Mayor, and the Board of Aldermen of the City of Somerville:—

Gentlemen,—I have the honor, as commissioner of public buildings, to submit the following as the report of the department of public buildings and the department of inspection of buildings for the year 1907. In submitting this report I desire to express my appreciation of the valuable counsel and assistance received from his honor, the mayor, and from the members of the honorable, the board of aldermen.

Addition to the Benjamin G. Brown School.

On May 31, 1907, an order was passed authorizing the construction of a four-room addition to the Benjamin G. Brown school building on Willow avenue. The plans and specifications for this addition were prepared by the commissioner of public buildings, and competitive estimates were called for in June of this year. The following estimates were received in response to the above request:—

A. H. Hines, Somerville	$21,205 00
William Crane, Boston	21,140 00
Walsh Brothers, Somerville	20,800 00
F. C. Alexander, Boston	19,727 00
J. E. Locatelli, Somerville	19,614 00
G. M. Davis & Son, Boston	19,504 00
J. M. Andrews & Son, Somerville	18,687 00

The contract for construction was awarded to J. M. Andrews & Son, the firm submitting the lowest bid, and a contract was signed by the mayor on July 8, 1907.

The construction work on this building was commenced immediately after the signing of the contract, and the building is now ready for occupancy. These four additional rooms will greatly relieve the crowded conditions existing in this school district.

Brown School Heating Plant.

Invitations for the heating plant in the Brown school building were sent out on October 29, and the estimates received and opened by his honor, the mayor, on November 11. The lowest estimate was $1,148, and the contract was awarded to J. J. Hurley & Co., who submitted the same. The following is the list of bidders who submitted figures:—

A. B. Franklin & Co.	$1,444 00
The Merrill Company	1,410 00
C. A. Sanborn & Co.	1,370 00
A. Duncan & Co.	1,193 00
J. J. Hurley & Co.	1,148 00

This plant is an extension of the plant in the Brown school building made necessary by the building of the new addition of four rooms, and at the present time is working in a satisfactory manner.

Addition to the Sanford Hanscom School.

The construction of a four-room addition to this building was authorized by an order which was passed on May 31, 1907. The estimates received were as follows:—

F. C. Alexander & Co.	$19,990 00
G. M. Davis & Son	18,665 00
J. Nicholson & Son	18,426 00
J. E. Locatelli & Co.	14,994 00

The lowest bidders, J. E. Locatelli & Co., were awarded the contract, and after signing the same proceeded with the work. The addition is now practically completed, and will be ready for occupancy on January 20, 1908.

Hanscom School Heating Plant.

On October 29 of this year invitations were sent out for the installation of the steam heating plant in the addition to the Hanscom school building. The estimates received in response to these invitations were publicly opened by his honor, the mayor, on Monday, November 18. The lowest bidder was J. J. Hurley & Co., of Boston, and the contract was awarded to that firm on November 8, for the sum of $1,475. The following is the list of bidders and their estimates:—

Pierce & Cox	$1,875 00
Alexander Duncan Co.	1,765 00
The Merrill Co.	1,676 00
Isaac Coffin & Co.	1,618 00
C. H. Sanborn & Co.	1,595 00
J. J. Hurley & Co.	1,475 00

City Hall Vault.

The new vault for the storage of city documents, the construction of which was authorized May 31, 1907, has been constructed by this department, and is ready for use. This vault is located in the basement of the city hall under the treasurer's department, and is constructed of stone, concrete, and iron.

The space provided will afford a safe and convenient storage for all city documents which cannot be taken care of in the department vaults and safes.

Incinerating Plant.

The incinerating plant, which was authorized in 1906, was completed during this year, and was put in operation early in September, 1907. The waste paper which is collected by the health department daily is taken to the plant, where such of it as is merchantable is baled for shipment, and the balance cremated in the incinerating furnace. This method of taking care of the waste paper is a great improvement over the old method of burning the paper on the various dumping grounds of the city.

The modest outlay of expenditure has already shown good results, and the plant has shown itself a success.

Pope School Heating System.

In accordance with an order approved May 31, 1907, estimates were received for the construction of a new heating and ventilating system to be installed in the Pope school building on Washington street. The estimates were as follows:—

A. B. Franklin & Co.	$7,180 00
Bradlee Chatman Co.	6,564 00
The Merrill Co.	6,548 00
Laskey & McMurrer	6,437 00
A. A. Sanborn & Co.	6,273 00
Pierce & Cox	6,171 00
J. J. Hurley & Co.	5,875 00
Alexander Duncan & Co.	5,775 00

The contract was awarded to Alexander Duncan & Co., of Boston, Mass., the lowest bidders. The system was installed during the summer vacation, and was ready for use at the opening of the school year in September. At the present time the system is working satisfactorily, and is a great improvement over the old form, a furnace system, which was removed.

Care and Repair of Public Buildings.

The public buildings, which are placed, in accordance with the charter requirements, under the jurisdiction of the commissioner of public buildings, are as follows:—

Building.	Value.	Date of Construction.	Location.
Baxter school	$32,955 64	1901	Bolton street
Bell school	45,400 00	1874	Vinal avenue
Bennett school	59,448 32	1902	Maple street
Bingham school	68,885 04	1886	Lowell street
Brown school	59,690 16	1901	Willow avenue
Burns school	34,760 00	1886	Cherry street
Carr school	53,800 00	1898	Atherton street
Cummings school	11,921 00	1884	School street
Davis school	22,720 00	1884	Tufts street
Durell school	19,720 00	1894	Beacon street
Edgerly school	44,230 00	1871	Cross street
Forster school	85,290 00	1866	Sycamore street
Glines school	80,540 00	1891	Jaques street
Hanscom school	69,580 00	1897	Webster street
Latin High school	78,537 00	1871	Highland avenue

English High school....	$137,900 00	1895	Highland avenue
Highland school.....	60,560 00	1880	Highland avenue
Hodgkins school.....	71,700 00	1896	Holland street
Knapp school.....	50,540 00	1889	Concord square
Lincoln school.....	18,220 00	1885	Holland street
Morse school.....	48,199 00	1869	Summer street
Perry school.....	37,080 00	1899	Washington street
Pope school.....	80,160 00	1891	Washington street
Prescott school.....	66,260 00	1867	Pearl street
Proctor school.....	42,820 16	1905	Hudson street
Lowe school.....	51,826 16	1903	Morrison avenue
Public library.....	42,000 00	1884	Highland avenue
Police building.....	57,000 00	1874	Bow street
City hall.....	47,432 32	1851	Highland avenue
City hall annex.....	20,655 02	1898	Highland avenue
Contagious hospital....	22,793 76	1906	Broadway
City home.....	37,901 73	1871	Broadway
City stables.....	84,000 00	1894	Broadway
Health shed.....	1,189 79	1905	Broadway
Water dept. stables.....	32,000 00	1889	Cedar street
Central fire station.....	37,200 00	1893	Medford street
Engine 2 building.....	33,600 00	1894	Broadway
Hose 2 building.....	10,800 00	1871	Marshall street
Ladder 1 building.....	56,143 18	1904	Union square
Ladder 2 building.....	15,300 00	1894	Highland avenue
Hose 5 building.....	16,900 00	1888	Somerville avenue
Hose 6 building.....	18,200 00	1898	Holland street
Engine 4 building.....	15,900 00	1874	Highland avenue
Incinerating plant.....	3,000 00	1907	Cedar street
Total	$1,984,858 28		

Heating and Ventilating.

The heating and ventilating systems of the school buildings have been improved during the year, and in the Pope school a new plant has been installed. The systems in use are now in a very satisfactory condition, with the exception of the Cummings school, in which the ventilation is not of the best. I would recommend that in the year 1908 sufficient appropriation be made to allow for an expenditure of money to improve these conditions.

The following table will describe the systems in use and the existing conditions.

Heating and Ventilating Systems in the School Buildings.

School.	No. of Rooms.	System.	Working Condition.
Baxter	6	gravity—automatic control	good
Bell	12	fan— automatic control	good
Bennett	12	gravity—hand control	good
Bingham	16	gravity—hand control	good
Brown	6	gravity—hand control	good
Burns	8	gravity—hand control	good
Carr	16	gravity—hand control	good
Cummings	4	furnace	not satisfactory
Davis	4	furnace	not satisfactory
Durell	4	gravity—hand control	good
Edgerly	12	gravity—hand control	good
Forster	12	gravity—hand control	good

Forster Annex	6	gravity—hand control	good
Glines	14	gravity—hand control	good
Hanscom	6	fan— hand control	good
High	47	fan— part hand control, part automatic control	good
Highland	12	furnace	fair
Hodgkins	12	gravity—hand control	good
Knapp	12	gravity—automatic control	good
Lincoln	4	gravity—hand control	good
Morse	12	furnace—hand control	fair
Perry	8	gravity—hand control	good
Pope	12	gravity—hand control	good
Prescott	12	fan—automatic control	good
Proctor	8	gravity—hand control	good
Lowe	8	gravity—hand control	good

Sanitary Conditions.

The sanitary condition of the school buildings is, I believe, a very satisfactory one. Great care has been taken to keep the sanitary rooms in a clean and wholesome condition, and this, in a great measure, is due to a systematic inspection by Duncan C. Green, the inspector of plumbing, who has faithfully watched the matter, and with the co-operation of the janitors has maintained a healthy condition in this respect.

The enclosed table will describe the system in use and the existing conditions.

School.	System.	Ventilation.	General Working Condition.
Baxter	Hydraulic closet system.	Local vented.	Good.
Bell	" " "	" "	"
Bennett	" " "	" "	"
Bingham	" " "	" "	"
Brown	" " "	" "	"
Burns	" " "	" "	"
Carr	" " "	" "	"
Cummings	" " "	" "	Fair.
Davis	" " "	" "	"
Durell	" Latrine	" "	"
Edgerly	" closet "	" "	Good.
Forster	" " "	" "	"
Forster Annex	" " "	" "	"
Glines	" " "	" "	"
Hanscom	" " "	" "	"
Latin High	" " "	" "	"
English High	" " "	" "	"
Highland	" " "	" "	"
Hodgkins	" " "	" "	"
Knapp	" " "	" "	"
Lincoln	" " "	" "	"
Morse	" " "	" "	"
Perry	" " "	" "	"
Pope	" " "	" "	"
Prescott	" " "	" "	"
Proctor	" " "	" "	"
Lowe	" " "	" "	"

Inspection of Buildings.

The commissioner as inspector of buildings has devoted as much time as possible to the inspection of the building construction in the city during the year, but feeling that a more systematic inspection should be given to this work, I respectfully request that a careful consideration be given to the matter with a view to increasing the inspection force of the department. The increased expenditure for this purpose would not be large, and would more fully protect the interests of the people who are investing their savings in the new buildings which are being constructed.

The recommendation of a revision of the buildings ordinances, made in my report of a year ago, was taken up and followed out, and at the present time a full report, consisting of a new set of building ordinances, is in the hands of the committee on ordinances and rules of the board of aldermen. This committee will undoubtedly make a full report in the near future.

Buildings Condemned.

During the year 1907 three buildings were condemned as being in a dangerous condition and a menace to life and limb. These buildings were ordered taken down, and in the case of two of them the owners complied, while in the case of one this department was obliged to enter the premises and demolish the building.

Permits.

There have been issued during the year 1907 291 permits for new buildings and alterations. This number is twenty-seven less than in 1906. The total estimated cost of the new buildings and alterations was $939,795, while the cost in 1906 was $1,031,835, showing a decrease of $92,040.

During the year there have been made 926 inspections of private buildings in the course of construction. The following table will show the number of permits in each ward and the uses for which they were intended.

Buildings.	WARDS.							Total.
	1	2	3	4	5	6	7	
Dwellings	6	12	11	6	22	32	100	189
Stores	4	2	5	2	3	6	1	23
Stables	2	3	0	1	0	0	0	6
Miscellaneous . . .	14	13	3	3	9	8	16	66
Brick buildings . . .	3	2	0	0	0	1	1	7
Total	29	32	19	12	34	47	118	291

The number of plumbing permits issued during the year was	389
Permits for plumbing in new buildings	191
Permits for plumbing in old buildings	198
Number of buildings in which soil pipes were tested	301
Number of master plumbers' licenses, 47 at $.50	$23.50
Number of journeyman plumbers' licenses, 28 at $.50	14.00
Number of new master plumbers' licenses, 5 at $2	10.00
Number of new journeyman plumbers' licenses, 3 at $.50	1.50
Amount received in fees	49.00

Respectfully submitted,

WALTER T. LITTLEFIELD,

Commissioner of Public Buildings.

REPORT OF THE COMMISSIONER OF ELECTRIC LINES AND LIGHTS.

OFFICE OF COMMISSIONER OF ELECTRIC LINES AND LIGHTS,
Central Fire Station, January 1, 1908.

To His Honor, the Mayor, and the Board of Aldermen:—

Gentlemen.—I respectfully present herewith my report for the year ending December 31, 1907.

Electrical Department.

Under this department come the care and maintenance of the fire alarm and police signal systems and all work of an electrical nature belonging to the city; also the inspection of wiring in all buildings and in the city's streets.

During the year the Edison Electric Illuminating Company and the New England Telephone and Telegraph Company have replaced a large number of dangerous poles.

To the Edison Electric Illuminating Company 282 permits were issued for the attachment of lamps and motors in buildings after inspection of wiring for same by this department.

For the New England Telephone and Telegraph Company 402 permits were approved for the attachment of its wires to various poles in the city after the inspection of the poles.

Fire Alarm.

Two hundred and fifty-three alarms were transmitted correctly during the year.

Three new boxes were added during the year, as follows, making a total of 112 boxes:—

Box 211, located at New England Oil Company, Allen street (private box);

Box 121, located on Somerville avenue, near Cambridge line;

Box 341, located on Pearl street, corner of Walnut street.

Twenty-four keyless doors were put on the fire-alarm boxes in place of the old-fashioned key doors.

A gong has been installed at the city stables, and a special signal arranged, so that the highway department men can be called together, should their services be needed in any part of the city on emergency work.

The equipment of the fire-alarm consists of the following:—

One hundred and twelve signal boxes, one eight-circuit automatic repeater, eight tower strikers, thirty gongs, eight indicators, twelve private telephones, fifty tappers, one automatic steam whistle, 425 cells storage batteries, and about 130 miles of overhead wire and 9,986 feet of underground cable.

Police Signal.

The police signal system has received its usual attention, and a new close-circuit battery has been installed during the year.

The equipment consists of 125 cells of close-circuit batteries, one four-circuit instrument desk, and fifty signal boxes.

Underground Wires.

The underground posts have been purchased for the fire and police signal boxes to complete the work on Broadway, and they are ready to be located and connected with underground cables.

The placing of wires under ground by the Edison Electric Illuminating Company, the New England Telephone and Telegraph Company and the city has been carried on in conformity with the law, and a large number of poles and wires have been removed.

Street Lights.

There are at present 482 arc lights and 616 incandescent lights in service in the city. Several new lights will be needed during the coming year, owing to the laying out of the new streets in the western part of the city.

Recommendations.

I make the following recommendations:—

That additional fire and police boxes be installed to shorten the present distances between boxes in certain parts of the city.

That twenty-four more keyless doors be put on fire-alarm signal boxes.

That the fire department houses be connected with the public telephone exchange.

That the three blows now struck on the fire-alarm system at nine o'clock in the evening be reduced to one blow.

That the rules and regulations governing the installation of electric wiring, issued by the department, be adopted as an ordinance.

ELECTRICAL DEPARTMENT.

CREDIT.

Appropriation	$8,200 00	
Edison Electric Illuminating Co., grounding wires	250 00	
Old junk	26 63	
Materials, underground construction	320 96	
Total credit		$8,797 59

DEBIT.

Salaries	$5,943 95	
Wires, insulators, etc.	918 83	
Wagon repairs	128 37	
Harnesses and repairing same	30 40	
Fire alarm and police signal boxes	1,621 91	
Board of horses	419 29	
Incidentals	421 16	
Total debit		$9,483 91
Amount overdrawn		$686 32

ELECTRICAL DEPARTMENT, UNDERGROUND CONSTRUCTION.

CREDIT.

Appropriation	$3,000 00	
Balance unexpended, 1906	239 80	
Total credit		$3,239 80

DEBIT.

Labor	$920 30	
Materials	1,006 12	
Incidentals	21 21	
Total debit		$1,947 63
Balance unexpended		$1,292 17

STREET LIGHTS.

CREDIT.

Appropriation	$64,000 00

DEBIT.

Edison Electric Illuminating Co., on account of street lighting	$55,000 00
Amount unexpended	$9,000 00

Respectfully submitted,

MELVIN F. UNDERWOOD,

Commissioner of Electric Lines and Lights.

SOMERVILLE WATER WORKS.

SOMERVILLE, MIDDLESEX CO., MASSACHUSETTS.

Area of city, including land and water, about 4.22 square miles.

Population, estimated, 72,000.

Entire population on line of pipe and supplied with water.

Water works owned by City of Somerville.

Construction commenced in 1868.

Source of supply: Metropolitan system, taking water of the Nashua river at Clinton, Mass.

Mayor

HON. CHARLES A. GRIMMONS.

Water Commissioner

FRANK E. MERRILL.

Office of the Water Department,

Room 10, City Hall.

Department Buildings and Yard,

Cedar street, near Broadway.

REPORT OF THE WATER COMMISSIONER.

OFFICE OF THE WATER COMMISSIONER,
January, 1908.

To His Honor, the Mayor, and the Board of Aldermen:—

I present herewith my report for the year ending December 31, 1907, this being the thirty-fourth annual report made by the water department:—

Receipts and Expenditures.

Water bills have been issued as follows:—

"Annual" water charges, amounting to		$129,030 15
"Additional" water charges, amounting to		3,415 31
"Metered" water charges, amounting to		98,807 50
		$231,252 96
Abatements made on the above charges	$4,353 01	
Refunds made on the above charges	552 46	
Abatements made on charges of 1906	343 96	
		5,249 43
Income from sale of water		$226,003 53
Amount received from water service assessments		3,254 88
Amount received for labor and materials		5,879 71
Total income of water works		$235,138 12

This amount was used as follows:—

For water works purposes:—

Water works maintenance	$30,721 75	
Water works extension	17,039 00	
Miscellaneous accounts	5,879 71	
Interest on water loan bonds	3,200 00	
Maturing water loan bonds	7,000 00	
Metropolitan water works assessment	106,334 61	
		170,175 07

For other municipal purposes:—

Sewers, maintenance	$12,000 00	
Interest on sewer loan bonds	9,137 50	
Fire department	30,000 00	
Reduction of funded debt	13,823 65	
Balance carried to credit of Water Income account of 1908	1 90	
		64,963 05
		$235,138 12

In addition to the appropriations from water income to other municipal purposes enumerated above, water has been furnished without charge to all the city departments that have required its use. The value of this water is estimated at $12,000.

Department Receipts and Disbursements.

WATER MAINTENANCE ACCOUNT.

	Dr.	Cr.
Amount appropriated by board of aldermen from water income		$25,000 00
Sundry receipts for labor and materials		5,541 87
Amount transferred from Water Works Extension account		5,721 75
Materials used in extension of the water works		12,812 05
Amount expended for labor and materials for operation, maintenance, and renewal of the water works	$30,721 75	
Amount expended for materials used in extension of the water works	12,812 05	
Miscellaneous accounts	5,541 87	
	$49,075 67	$49,075 67

WATER WORKS EXTENSION ACCOUNT.

	Dr.	Cr.
Amount appropriated by board of aldermen from water income		$20,000 00
Receipts from 173 water service assessments		3,254 88
Sundry receipts for labor and materials		337 84
Labor and materials used in extension of the water works	$17,039 00	
Miscellaneous accounts	337 84	
Amount transferred to Water Maintenance account	5,721 75	
Unexpended balance	494 13	
	$23,592 72	$23,592 72

Cost of Water Works.

The total cost of the water works on December 31, 1906, as represented by the expenditures from appropriations for water works extension was	$874,698 99
Expended during the year 1907, on extension account	17,039 00
Total expenditures, December 31, 1907	$891,737 99

Water Debt.

Water loan bonds have been issued on funded debt account to the amount of $1,017,000; this has been reduced by $948,000, leaving the water debt on December 31, 1907, $69,000.

The outstanding bonds mature as follows:—

Year.	Amount.	Year.	Amount.
1908	$7,000	1915	$5,000
1909	6,000	1916	5,000
1910	6,000	1917	5,000
1911	6,000	1918	5,000
1912	6,000	1919	4,000
1913	6,000	1920	2,000
1914	6,000		

Water Works Income from 1898 and its Distribution.

The water income and its distribution from 1898 to 1907, inclusive, is shown in the following table:—

Total water income, years 1898 to 1907, inclusive . . $2,180,480 07

Distribution:—

Water Works Account.

Water Works Construction, Renewal, Maintenance and Operation . . .	$548,961 32	
Water Bonds	205,000 00	
Interest	69,415 00	
Metropolitan Water Assessments . .	641,210 44	
		$1,464,586 76

Other Municipal Accounts.

Sewers	Construction	$117,035 65	
	Maintenance	98,450 00	
	Bonds	72,000 00	
	Interest	58,792 00	
	Assessments	31,000 00	
			$377,277 65
Fire Department, Maintenance			203,026 33
Health Department, Maintenance			7,500 00
Suppression of Moths			1,000 00
Reduction of Funded Debt			125,300 25
Credit of Excess and Deficiency account, 1906 . . .			1,787 18
Credit of Water Income account, 1908			1 90
			$2,180,480 07

Extension of Water Distribution System.

Reference may be had to the accompanying table for the location and size of new water mains laid during the year, number and size of gates set, and number and kind of fire hydrants installed.

The total number of feet of new mains laid, including hydrant branches, was 4,309, making the water pipe mileage of the city approximately ninety-two miles, 692 feet. Four additional fire hydrants and twenty-eight water gates have been set during the year.

Trench work, excavating, and re-filling for water pipes was done by contract labor in the following streets and at prices named:—

Street.	Feet of Trench.	Contractor.	Trench Work.		Total Cost of Trench Work.	Average Cost per foot of Trench Work.
			Earth. Lin. Ft.	Rock. Cu. Yd.		
Bromfield rd. .	588	Daniel A. Dorey .	$ .20	....	$117.60	$ .20
Pearson rd. .	207	T. F. Crimmings .	.25	$3.00	57.75	.279
Sawyer ave. .	506	Daniel A. Dorey .	.22	3.00	512.32	1.0125
Teele ave. . .	281.5	Daniel A. Dorey .	.40	1.50	203.26	.7221
Walnut rd. . .	352	T. F. Crimmings .	.35	2.40	157.52	.4475
Whitfield rd. .	767	B. Burke	.29	2.48	455.55	.5939

The pipes and all materials required were furnished, and the pipe-laying done in each street by the water department.

The number of new services laid during the year was 173. a smaller number than for many years past, indicating a considerable falling off in building operations. In laying these services 6,575 feet of pipe was used, making the total of service pipes in the city approximately 75.2 miles.

A six-inch fire service pipe was laid for the Brown-Durrell building on Howard street, and a four-inch fire pipe for the Cushman estate building, No. 37 Somerville avenue. A four-inch service pipe was also laid from the North-street main to the grounds of the city home.

Five new waterposts have been set for the street watering department, making seventy-eight now in the city.

Six hundred and sixty-one meters have been installed during the past year, including the re-setting of twenty-seven which were removed for various reasons in years prior to 1907, and thirty-five have been removed for either temporary or permanent discontinuance of water services; the net increase in number of meters is 626, and the total number in service is 3,446, the kinds and sizes being as shown in the following table:—

METERS DECEMBER 31, 1907.

Kind	Size								Total.
	5/8″	3/4″	1″	1 1/2″	2″	3″	4″	6″	
Nash	174								174
Empire	1								1
Crown	5	5	3	2	2	1	1	1	20
Gem							1		1
Hersey			4	1	2	3			10
Hersey Disc	224	21	4	1	4				254
Torrent								1	1
Trident	218	44	20	6	5		1		294
Crest					1	3	1		5
Union	18	13	8	2	5		1		47
Union Special		15	4	2					21
Columbia	154								154
King	365								365
Lambert	1,430	112	16	1					1,559
Worthington Disc	540								540
Totals	3,129	210	59	15	19	7	5	2	3,446
Motor and elevator registers									9
									3,455

The meters installed in 1907 were classed as follows:—

Applications of property owners	431
New services	191
General installation	12
Reset	27
Total	661

The following table gives a summary of the pipes and fixtures of the water system December 31, 1907:—

Summary of Pipes and Fixtures.

Feet of main pipe (approximately)	486,452
Feet of service pipe (approximately)	397,555
Service connections (approximately)	11,662
Public fire hydrants	1,022
Private fire hydrants	50
Gates	1,404
Check valves	7
Meters	3,446
Motor registers	9
Waterposts	78
Blow-offs	136
Drinking fountains and troughs	10

Maintenance.

In the main distribution system fourteen joint leaks have been discovered and repaired during the year.

Early in the morning of April 17 water escaped in large quantity from the main in Broadway, near Rush street, causing much damage to the street, and to the walls, cellars, and contents of the block corner of Broadway and Rush street, as well as to several cellars in Rush street. It was found that a pipe in the twelve-inch main opposite No. 132 Broadway had cracked lengthwise along the side in a fairly regular line for about ten feet. No piece of the pipe was blown out, but the pipe opened up along the crack under pressure of the water, allowing a great volume to escape, and when the pipe was relieved of the pressure on shutting the gates, it closed together so that the crack was hardly perceptible. This pipe had been laid about ten years, and the line had never shown any defects nor indications of weakness.

Tests were made of the cracked pipe after removal, and it was found to be of good quality of metal throughout. Tests for electrolysis were also made, but no indications of destructive currents were found. No reason is apparent for the cracking of this pipe. A not improbable cause, however, might be found in the theory that water from a leak in the city of Boston twenty-four-inch main, which is known to have existed at a point not far distant, had worked through the sandy soil, and had so undermined or disturbed the bearings of the Somerville pipe as to allow a sufficient settlement or movement of the pipe to cause it to crack. Numerous claims for damages were presented, and most of them have been adjusted and settled; the total cost of repairing the pipe line, streets, buildings, and settlement of claims to date has been $1,193.59.

One hundred and forty-three service pipes have been renewed wholly or in part, of which number eighty-one were on

account of the permanent paving in Broadway, Medford street, and Cross street. One hundred and thirty-five service pipe leaks have been repaired during the year.

The customary needed attention has been given to the water gates and fire hydrants, a force of men being kept on hydrant inspection constantly during the winter season.

Water Assessments and Consumption.

The annual assessments paid by this city as its proportionate part of the cost and operation of the metropolitan water works are given below:—

Year.	Sinking Fund.	Maintenance.	Interest.	Total.
1898	No division made			$14,250 19
1899	" " "			20,975 58
1900	" " "			28,689 24
1901	$12,491 73	$12,033 79	$32,291 24	56,816 76
1902	19,014 85	12,955 64	30,427 40	62,397 89
1903	15,748 56	12,763 10	48,776 77	77,288 43
1904	16,404 42	15,393 87	54,938 64	86,736 93
1905	21,358 11	13,666 71	55,535 91	90,560 73
1906	22,345 50	17,412 51	57,402 07	97,160 08
1907	25,365 30	18,880 01	62,089 30	106,334 61
				$641,210 44

There has been credited to the city by the commonwealth as its proportion of the amounts received from entrance fees, water supplied outside the district, and water furnished to water companies the sum of $9,056.10. By legislative action such amounts as are now received by the state from these sources are paid into the sinking fund for the extinguishment of the principal indebtedness, instead of being applied to the diminution of the annual water assessments, as heretofore.

The daily consumption of water in Somerville, as recorded by the Venturi meters, operated by the metropolitan water works, is shown below by months for the year 1907:—

Month.	Gallons.	Month.	Gallons.
January	7,169,000	July	6,751,600
February	8,046,900	August	6,343,900
March	6,320,400	September	6,268,600
April	6,295,900	October	6,207,600
May	6,376,400	November	5,857,700
June	6,756,200	December	6,016,800

The total consumption for the year is 2,390,166,000 gallons, making an average daily consumption of 6,548,400 gallons.

The average daily quantity of water used in Somerville during 1907 was ninety gallons per inhabitant, an increase of one gallon over the previous year, due to a greatly increased consumption of city water in one of our large mercantile establishments, while the average for the entire water district has in-

creased five gallons, or to 133 gallons per day for each inhabitant.

The following table shows the daily per capita consumption of water in the cities and towns in the metropolitan water district for the year 1907, as registered by the metropolitan meters:—

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	For the Year.
Boston	174	187	167	152	151	152	154	156	151	152	148	152	157
Somerville	100	112	88	87	88	93	93	91	86	85	80	82	90
Malden	48	52	48	47	46	51	52	51	45	41	40	40	47
Chelsea	130	156	115	93	87	88	89	87	85	82	79	82	97
Everett	96	114	89	78	76	80	80	82	78	73	68	71	81
Quincy	97	100	99	94	98	107	115	122	107	103	93	91	102
Medford	106	113	106	101	104	111	112	116	102	99	96	96	105
Melrose	113	125	117	110	111	121	122	131	117	116	113	116	118
Revere	95	111	90	83	82	94	103	107	90	75	70	68	88
Watertown	58	61	59	63	69	73	80	80	73	72	61	55	67
Arlington	82	96	77	76	81	99	125	149	98	84	70	70	92
Milton	43	40	37	41	51	56	57	61	48	42	40	39	46
Winthrop	115	129	113	106	105	126	149	153	119	104	95	91	117
Stoneham	75	89	90	84	83	88	97	109	102	100	100	102	93
Belmont	53	58	58	57	70	94	108	125	77	58	56	57	73
Lexington	68	72	73	70	72	82	85	105	76	65	62	51	73
Nahant	87	94	78	90	62	59	79	87	60	50	91	84	73
Swampscott	64	70	66	56	65	76	96	112	72	61	58	60	74
Total	146	158	139	128	127	130	133	135	129	127	123	126	133

The district, in order of per capita consumption, beginning with the lowest, stands as follows:—

1—Milton	46	8—Somerville	90
2—Malden	47	9—Arlington	92
3—Watertown	67	10—Stoneham	93
4—Belmont	73	11—Chelsea	97
4—Nahant	73	12—Quincy	102
4—Lexington	73	13—Medford	105
5—Swampscott	74	14—Winthrop	117
6—Everett	81	15—Melrose	118
7—Revere	88	16—Boston	157

The towns and cities showing the lowest per capita consumption of water are those having the largest percentage of meters and, therefore, the smallest waste of water.

Compulsory Meterage.

By provision of Chapter 524, Legislative Acts of 1907, all cities and towns in the metropolitan water district are now required to equip with water meters all water services hereafter laid, and to annually equip with meters five per cent. of the water services which were unmetered on December 31, 1907.

This legislation is practically identical with the policy recommended by your water commissioner in his report for the year 1902 for adoption by this city, and which has since been pur-

sued. By having thus early taken up the problem of restriction of water waste, the city has the advantage of starting under the new law with about one-third of its services already metered. There are at this time in the city about 8,000 services still unmetered, requiring, in compliance with the law, a yearly installation of about 400 meters in this class; at this rate it would take twenty years to complete the work. The benefits to be gained from a metered system, such as conservation of the general water supply, equalization of water charges to consumers, and a probable direct financial gain to those cities that show low water consumption, in the way of a reduction in the annual water assessment levied by the state, lead me to the opinion that advantage should not be taken by this city of the full period allowed by law for this work, but that it should rather be completed in one-half that time, requiring for all purposes, including new services, the installation of about 1,000 meters annually.

Respectfully submitted,

FRANK E. MERRILL,

Water Commissioner.

Locations of New Mains Laid, Length and Size, Number of Gates, Hydrants, Etc., Set in 1907.

Name of Street.	Description of Work.	Pipe Laid.		Gates Set.		Hydrants Set.		Blow-offs.		Water Posts.
		Size.	No. Feet.	Size.	No.	Kind.	No.	Size.	No.	
Aberdeen road	Street main; from low service main in Highland avenue to low service main in Cedar street.	6″	471	6″	2					
Bay State avenue	Hydrant.	6″	7			Mathews	1			
Boston avenue	Waterpost.	2″	42	2″	1					1
Broadway	Gates—on hydrant branches.			6″	6					
Bromfield road	Street main; from point 515′ north from Warner street to point 170′ south from Dearborn road, connecting pipes laid in 1906.	8″	583	8″	1					
Cameron avenue	Waterpost.	2″	13	2″	1					1
Dimick street	Street main; from main in Calvin street to point 108′ west from Buckingham street, connecting with pipe laid in 1906.	6″	368	6″	1					
Fiske avenue	Gate.			6″	1					
Henderson street	Gate.			6″	1					
Lawrence street	Gate.			6″	1					
Lowden avenue	Hydrants.	6″	21			Mathews	3			
Lowell street	Waterpost.	2″	20	2″	1					1
Marion street	Street main; from main in Dimick street to point 103′ north from Dimick street.	6″	130	6″	1					
McGregor avenue	Street main; from main in Walnut street to point 59′ east from Walnut street.	6″	72	6″	1					
Nashua street	Gate.			6″	1					
New Cross street	Waterpost.	2″	8	2″	1					1
Pearson road	Street main; from point 60′ north from Warner street to point 531′ north from Warner street, and from gate at south line of Dearborn road to point 203′ south from Dearborn road.	8″	674	8″	2					
Sawyer avenue	Street main; from main in Curtis street to point 197′ west from Packard avenue, connecting with pipe laid in 1905.	12″	506	12″	1					
Somerville avenue	Waterpost.	2″	13	2″	1					1
Teele avenue	Street main; from point near main in Curtis street to point 148′ west from Packard avenue, connecting with pipe laid in 1906.	6″	277							
Walnut road	Street main; from main in Walnut street to point 80′ northerly from angle in street.	8″	347	8″	1					
Washington street	Gate.			6″	1					
Washington street	Hydrant.	6″	16			Holyoke	1			
Whitfield road	Street main; from main in Curtis street to main in Packard avenue.	6″	741	6″	2					
	Total . . .		4,309		28		5			5

Hydrants—Renewal Account.

The following changes have been made in the kind and location of hydrants:—

Boston avenue, 6-inch Mathews hydrant, set 23 feet south from Pearson avenue, and 6-inch Mathews hydrant removed from 11 feet south from Pearson avenue.

Bowdoin street, 6-inch Holyoke gate hydrant, set 65 feet east from Fremont avenue, and 4-inch Boston Machine hydrant removed from same location.

Broadway, 6-inch Mathews hydrant, set 7 feet east from Glen street, and 6-inch Pratt and Cady hydrant removed from same location.

Broadway, 6-inch Mathews hydrant, set 21 feet east from Rush street, and 6-inch Pratt and Cady hydrant removed from same location.

Broadway, 6-inch Mathews hydrant, set 13 feet west from Cross street, and 4-inch Holyoke hydrant removed from same location.

Broadway, 6-inch Mathews hydrant, set 8 feet west from Autumn street, and 6-inch Holyoke gate hydrant removed from same location.

Broadway, 6-inch Mathews hydrant, set 3 feet west from Melvin street, and 6-inch Pratt and Cady hydrant removed from same location.

Broadway, 6-inch Mathews hydrant, set 6 feet west from Montgomery avenue, and 6-inch Holyoke gate hydrant removed from same location.

Hamlet street, 6-inch Mathews hydrant, set 321 feet south from Highland avenue, and 6-inch Holyoke gate hydrant removed from same location.

Hinckley street, 6-inch Chapman hydrant, set 106 feet south from Broadway, and 4-inch Boston Machine hydrant removed from same location.

Lawrence street, 6-inch Holyoke hydrant, set 12 feet south from Richardson street, and 6-inch Holyoke hydrant removed from 9 feet south from Richardson street.

Linden street, 6-inch Pratt and Cady hydrant, set 235 feet south from Somerville avenue, and 4-inch Boston Machine hydrant removed from same location.

Moore street, 6-inch Pratt and Cady hydrant, set 335 feet south from Holland street, and 4-inch Boston Machine hydrant removed from same location.

Nashua street, 6-inch Mathews hydrant, set 190 feet south from Wilton street, and 4-inch Bigelow hydrant removed from same location.

Sacramento street, 6-inch Mathews hydrant, set 128 feet south from Beacon street, and 6-inch Mathews hydrant removed from 146 feet south from Beacon street.

Summer street, 6-inch Mathews hydrant, set 59 feet east from Central street, and 4-inch Boston Machine hydrant removed from same location.

Summer street, 6-inch Pratt and Cady hydrant, set 53 feet west from Harvard street, and 4-inch Boston Machine hydrant removed from same location.

Summer street, 6-inch Holyoke hydrant, set opposite Craigie street, and 4-inch Boston Machine hydrant removed from same location.

Ward street, 6-inch Mathews hydrant, set 7 feet east from Emery street, and 6-inch Mathews hydrant removed from 3 feet east from Emery street.

Hydrants—Construction Account.

New hydrants have been set in the following locations:—

Bay State avenue, 92 feet north from north line of Kidder avenue, 6-inch Mathews.

Lowden avenue, 85 feet south from south line of Broadway, 6-inch Mathews.

Lowden avenue, 178 feet north from north line of Kidder avenue, 6-inch Mathews.

Lowden avenue, 27 feet south from south line of Kidder avenue, 6-inch Mathews.

Washington street, 58 feet west from west line of Franklin street, 6-inch Holyoke gate hydrant.

Hydrant Removal.

Medford street, 6-inch Holyoke hydrant removed from 33 feet south from east line of Dartmouth street.

Gates—Construction Account.

New gates have been set in the following locations:—

Aberdeen road, 6-inch gate, 13 feet 4 inches out from east line, on south line of Highland avenue.

Aberdeen road, 6-inch gate, 13 feet 4 inches out from north line, on west line of Cedar street.

Boston avenue, 2-inch gate, set 4 feet out from waterpost located opposite Highland road.

Broadway, 6-inch gate, set 21 feet east from Rush street, and 6 inches inside edgestone, on hydrant branch.

Broadway, 6-inch gate, set 7 feet east from Glen street, and 6 inches inside edgestone, on hydrant branch.

Broadway, 6-inch gate, set 13 feet west from Cross street, and 6 inches inside edgestone, on hydrant branch.

Broadway, 6-inch gate, set 8 feet west from Autumn street, and 6 inches inside edgestone, on hydrant branch.

Broadway, 6-inch gate, set 3 feet west from Melvin street, and 6 inches inside edgestone, on hydrant branch.

Broadway, 6-inch gate, set 6 feet west from Montgomery avenue, and 6 inches inside edgestone, on hydrant branch.

Bromfield road, 8-inch gate, set 13 feet 4 inches out from west line, on south line of house No. 45.

Cameron avenue, 2-inch gate, set 4 feet out from waterpost located 6 feet north from Glendale avenue.

Dimick street, 6-inch gate, set 13 feet 4 inches out from south line, on east line of Calvin street.

Fiske avenue, 6-inch gate, set 8 feet out from south line, on east line of Hinckley street.

Henderson street, 6-inch gate, set 7 feet out from west line, on north line of Wilton street.

Lawrence street, 6-inch gate, set 11 feet out from west line, on north line of Wilton street.

Lowell street, 2-inch gate, set 4 feet out from waterpost located 102 feet north of Wilton street.

Marion street, 6-inch gate, set 13 feet 4 inches out from west line, on north line of Dimick street.

McGregor avenue, 6-inch gate, set 5 feet out from south line, on east line of Walnut street.

Nashua street, 6-inch gate, set 11 feet out from west line, on south line of Wilton street.

New Cross street, 2-inch gate, set 4 feet out from waterpost located 64 feet north from Broadway.

Pearson road, 8-inch gate, set 13 feet 6 inches out from west line, on south line of Dearborn road.
Pearson road, 8-inch gate, set 13 feet 4 inches out from east line and 524 feet north from north line of Warner street.
Sawyer avenue, 12-inch gate, set 13 feet 4 inches out from north line, on east line of Curtis street.
Somerville avenue, 2-inch gate, set 4 feet out from waterpost located 35 feet east from Central street.
Walnut road, 8-inch gate, set 13 feet 4 inches out from north line, on west line of Walnut street.
Washington street, 6-inch gate, set 48 feet west from west line of Franklin street, and 1 foot inside edgestone, on hydrant branch.
Whitfield road, 6-inch gate, set 13 feet 4 inches out from north line, on east line of Curtis street.
Whitfield road, 6-inch gate, set 13 feet 4 inches out from north line, on west line of Packard avenue.

GATES—RECAPITULATION.

Gates.	1¼″	1½″	2″	3″	4″	6″	8″	10″	12″	Total.
Set	—	—	5	—	—	18	4	—	1	28
Removed	—	—	—	—	—	—	—	—	—	0

Net increase in number of gates in 1907 . . . 28
Total number of gates in the city December 31, 1907 . 1,404

Locations of Hydrants.

Adams street, 11 feet south from Broadway.
Adams street, 221 feet south from Broadway.
Adams street, 266 feet north from Medford street.
Adams street, 10 feet north from Medford street.
Adrian street, 93 feet east from Marion street.
Adrian street, 220 feet south from Joseph street.
Albion street, 396 feet west from Central street.
Albion street, 15 feet west from Centre street.
Albion street, 217 feet east from Lowell street.
Albion street, 7 feet west from house No. 110.
Albion street, 444 feet east from Cedar street.
Aldersey street, 276 feet west from Walnut street.
Allen street, 9 feet north from Charlestown street.
Allen street, 45 feet west from Somerville avenue.
Allen street, 323 feet west from Somerville avenue.
Alpine street, 280 feet east from Cedar street.
Alpine street, 76 feet west from Princeton street.
Alpine street, 298 feet west from Lowell street.
Alston street, 212 feet east from Cross street.
Alston street, 10 feet west from Shawmut place.
Ames street, 123 feet west from Central street.
Appleton street, 3 feet east from Clifton street.
Appleton street, 41 feet west from Willow avenue.
Arlington street, 36 feet east from Hathorn street.
Arthur street, 29 feet south from Broadway.
Ash avenue, 300 feet north from Meacham street.
Ashland street, 268 feet south from Summer street.
Auburn avenue, 239 feet west from Cross street.
Auburn avenue, 481 feet west from Cross street.

Austin street, 81 feet south from Mystic avenue.
Austin street, 66 feet north from Benedict street.
Austin street, 2 feet north from Broadway.
Avon street, 233 feet east from Central street.
Avon street, 572 feet west from School street.
Avon street, 270 feet west from School street.
Banks street, 310 feet south from Summer street.
Bartlett street (Ward 1), 130 feet south from Washington street.
Bartlett street (Ward 5), 230 feet south from Broadway.
Bartlett street (Ward 5), 223 feet north from Medford street.
Bartlett street (Ward 5), 15 feet south from Ames street.
Bartlett street (Ward 5), 10 feet south from Robinson street.
Bay State avenue, 39 feet south from Broadway.
Bay State avenue, 7 feet south from Mallett street.
Bay State avenue, 92 feet north from Kidder avenue.
Beacon street, 316 feet west from Greenwood terrace.
Beacon street, 10 feet east from Stanford terrace.
Beacon street, 46 feet west from Sacramento street.
Beacon street, south side Beacon street, 40 feet east from Sacramento street.
Beacon street, south side Beacon street, 2 feet west from Beckwith circle.
Beacon street, 15 feet west from Kent street.
Beacon street, 4 feet west from Ivaloo street.
Beacon street, 68 feet east from Park street.
Beacon street, 18 feet east from Durham street.
Beacon street, 26 feet east from Washington street.
Beacon street, 90 feet east from Calvin street.
Beacon street, 194 feet east from Calvin street.
Beacon street, 28 feet west from Buckingham street.
Beacon street, 208 feet east from Buckingham street.
Beacon street, 6 feet east from Concord avenue.
Beech street, 4 feet south from Atherton street.
Beech street, 31 feet east from Spring street.
Belmont street, 206 feet north from Spring Hill terrace.
Belmont street, 241 feet north from Summer street.
Belmont street, 243 feet south from Summer street.
Belmont street, 10 feet north from Belmont place.
Belmont street, 222 feet south from Belmont place.
Belmont street, 185 feet north from Somerville avenue.
Benedict street, 33 feet east from Mystic street.
Bennett street, 166 feet east from Prospect street.
Benton road, 2 feet north from Cambria street.
Benton road, 28 feet south from Highland avenue.
Berkeley street, 8 feet east from Central street.
Berkeley street, 150 feet east from Hersey street.
Berkeley street, 28 feet west from School street.
Berkeley street, 212 feet west from Hersey street.
Billingham street, 126 feet north from William street.
Bolton street, 203 feet north from Houghton street.
Bolton street, 3 feet south from Oak street.
Bonair street, 26 feet west from Cross street.
Bonair street, 90 feet east from Autumn street.
Bonair street, 121 feet east from Arthur street.
Bonair street, 67 feet east from Dana street.
Bonair street, opposite Melvin street.
Bonair street, 117 feet east from Walnut street.
Bond street, 63 feet south from Jaques street.
Bonner avenue, 171 feet north from Washington street.
Boston avenue, 110 feet south from bridge over Mystic river.
Boston avenue, 492 feet north from Gove street.
Boston avenue, 65 feet north from Highland road.
Boston avenue, 23 feet east from Pearson avenue.

Boston street, 11 feet west from Prospect Hill avenue.
Boston street, 207 feet west from Bigelow street.
Boston street, 87 feet east from Bigelow street.
Boston street, 6 feet north from Munroe street.
Bow street, 102 feet north from Warren avenue.
Bow street, 23 feet west from Wesley park.
Bow street, 25 feet east from Bow-street place.
Bow street, 74 feet north from Walnut street.
Bow-street place, 193 feet west from Bow street.
Bowdoin street, 65 feet north from Fremont avenue.
Bradley street, 26 feet south from Veazie street.
Brastow avenue, 202 feet east from Porter street.
Brastow avenue, 115 feet west from Lowell street.
Broadway, 50 feet east from Mt. Pleasant street.
Broadway, 20 feet west from George street.
Broadway, 21 feet west from Broadway place.
Broadway, 83 feet east from Cutter street.
Broadway, 7 feet east from Glen street.
Broadway, 21 feet east from Rush street.
Broadway, 15 feet west from Cross street.
Broadway, 7 feet west from Autumn street.
Broadway, 6 feet west from Montgomery avenue
Broadway, 33 feet west from Walnut street.
Broadway, 4 feet east from Sargent avenue.
Broadway, 3 feet west from Melvin street.
Broadway, 157 feet west from Grant street.
Broadway, 117 feet east from Marshall street.
Broadway, 62 feet west from Marshall street.
Broadway, 4 feet west from School street.
Broadway, 10 feet west from Thurston street.
Broadway, 209 feet east from Central street.
Broadway, 104 feet west from Norwood avenue.
Broadway, 15 feet west from City road.
Broadway, 288 feet east from Cedar street.
Broadway, opposite Cedar street.
Broadway, 5 feet east from Wilson avenue.
Broadway, 252 feet west from Wilson avenue.
Broadway, 115 feet west from Rogers avenue.
Broadway, 236 feet west from Liberty avenue.
Broadway, 175 feet west from College avenue.
Broadway, 6 feet west from Billingham street.
Broadway, 9 feet west from Packard avenue.
Broadway, 32 feet east from Westminster street.
Broadway, 237 feet east from Endicott avenue.
Broadway, 6 feet west from Endicott avenue.
Broadway, 9 feet west from Garrison avenue.
Broadway, 330 feet west from Waterhouse street.
Broadway park, near the pond.
Brook street, 18 feet west from Rush street.
Browning road, 302 feet west from Sycamore street.
Browning road, 136 feet east from Central street.
Buckingham street, 2 feet south from Dimick street.
Burnside avenue, 259 feet north from Elm street.
Burnside avenue, 120 feet south from Summer street.
Calvin street, 186 feet south from Beacon street.
Cambria street, 131 feet west from Central street.
Cameron avenue, 166 feet south from Holland street.
Cameron avenue, opposite Mead street.
Cameron avenue, 26 feet south from Glendale avenue.
Campbell park, 258 feet west from Meacham road.
Cedar street, 226 feet south from Sartwell avenue.

Cedar street, 98 feet north from Sartwell avenue.
Cedar street, 61 feet north from Hall street.
Cedar street, 22 feet south from Highland avenue.
Cedar street, 12 feet north from Highland avenue.
Cedar street, 10 feet north from Albion street.
Cedar street, 124 feet south from Warwick street.
Cedar street, 50 feet north from Clyde street.
Cedar street, 24 feet south from Murdock street.
Cedar street, 270 feet south from Broadway.
Central street, 50 feet south from Broadway.
Central street, 6 feet north from Forster street.
Central street, 5 feet north from Pembroke street.
Central street, 187 feet south from Vernon street.
Central street, 9 feet north from Willoughby street.
Central street, 92 feet north from Highland avenue.
Central street, 9 feet south from Highland avenue.
Central street, 6 feet north from Oxford street.
Central street, 23 feet south from Avon street.
Central street, 14 feet south from Summer street.
Chandler street, 16 feet south from Broadway.
Chandler street, 206 feet north from Park avenue.
Chapel street, 14 feet east from Chandler street.
Charles street, 183 feet south from Washington street.
Charnwood road, 79 feet west from Hancock street.
Cherry street, 7 feet south from Sartwell avenue.
Cherry street, 254 feet north from Sartwell avenue.
Cherry street, 252 feet north from Summer street.
Cherry street, 26 feet south from Highland avenue.
Chester street, 15 feet north from Chester place.
Chestnut street, 480 feet south from Poplar street.
Chestnut street, 246 feet south from Poplar street.
Church street, 9 feet south from Summer street.
Church street, 300 feet south from Summer street.
Church street, 16 feet south from Somerville avenue.
Church street, 29 feet north from Somerville avenue.
Church street, 12 feet north from Lake street.
Claremon street, 255 feet south from Holland street.
Clarendon avenue, 253 feet south from Broadway.
Clarendon avenue, opposite house No. 66.
Clarendon avenue, near Cambridge line.
Clark street, 200 feet west from Newton street.
Clark street, 412 feet west from Newton street.
Cleveland street, 192 feet west from Central street.
Clyde street, 250 feet east from Cedar street.
Clyde street, opposite Murdock street.
College avenue, 12 feet north from Winter street.
College avenue, 6 feet south from Morrison avenue.
College avenue, 8 feet south from Hall avenue.
College avenue, 53 feet west from Francesca avenue.
College avenue, opposite Kenwood street.
College avenue, 100 feet west from Broadway.
College avenue, 405 feet north from Broadway.
College avenue, 720 feet north from Broadway.
Columbia street, 3 feet south from Beach avenue.
Columbia street, 8 feet south from Columbia court.
Columbus avenue, 7 feet north from Washington street.
Columbus avenue, 150 feet east from Bonner avenue.
Columbus avenue, 118 feet west from Bonner avenue.
Columbus avenue, 35 feet west from Stone avenue.
Columbus avenue, 8 feet east from Walnut street.
Concord avenue, 154 feet west from Prospect street.

Concord avenue, 76 feet east from Concord square.
Concord avenue, on east line of Knapp school.
Concord avenue, 313 feet east from Springfield street.
Concord avenue, 24 feet east from Springfield street.
Concord avenue, 7 feet east from Marion street.
Concord avenue, 6 feet south from Hammond street.
Concord avenue, 20 feet east from Wyatt street.
Conwell avenue, 20 feet west from Curtis street.
Conwell avenue, 460 feet west from Curtis street.
Conwell street, 6 feet south from Highland avenue.
Conwell street, 3 feet north from Francis street.
Cooney street, 98 feet north from Line street.
Cottage avenue, 206 feet west from Russell street.
Craigie street, 216 feet south from Summer street.
Craigie street, 232 feet north from Kimball street.
Craigie street, 77 feet south from Kimball street.
Craigie street, 126 feet north from Somerville avenue.
Crescent street, 125 feet south from Pearl street.
Crocker street, 4 feet south from Highland avenue.
Crocker street, 8 feet north from Crown street.
Cross street, 32 feet north from Cross-street place.
Cross street, 6 feet north from Pearl street.
Cross street, 62 feet north from Flint street.
Cross street, 16 feet north from Gilman street.
Cross street, 13 feet south from Auburn avenue.
Cross street, 39 feet north from Alston street.
Curtis avenue, 206 feet west from Curtis street.
Curtis street, 6 feet north from Broadway.
Curtis street, 3 feet south from Electric avenue.
Curtis street, 137 feet north from Ware street.
Curtis street, 3 feet south from Raymond avenue.
Curtis street, 34 feet south from Professors row.
Curtis street, 225 feet north from Professors row.
Cutter avenue, 11 feet south from Highland avenue.
Cutter square, 95 feet west from Cutter avenue.
Cutter street, 95 feet south from Broadway.
Cutter street, 444 feet south from Broadway.
Dana street, 18 feet north from Pearl street.
Dane avenue, 162 feet west from Leland street.
Dane avenue, 169 feet east from Dane street.
Dane street, 9 feet north from Tyler street.
Dane street, 260 feet south from Skehan street.
Dane street, 55 feet north from Skehan street.
Dartmouth street, 184 feet south from Broadway.
Dartmouth street, 200 feet north from Evergreen avenue.
Dartmouth street, 53 feet south from Evergreen avenue
Dartmouth street, 171 feet north from Medford street.
Davis square, 45 feet east from Day street.
Day street, 10 feet south from Davis square.
Day street, opposite Herbert street.
Day street, 195 feet south from Herbert street.
Day street, 4 feet north from Orchard street.
Delaware street, 246 feet east from Aldrich street.
Delaware street, 8 feet south from Pearl street.
Dell street, 255 feet west from Glen street.
Derby street, 400 feet east from Temple street.
Dickinson street, 20 feet east from Beacon street.
Dickinson street, 7 feet north from Leon street.
Dover street, 22 feet south from Davis square.
Dover street, 203 feet south from Davis square.
Dover street, 312 feet north from Orchard street.

Dover street, 3 feet north from Orchard street.
Durham street, opposite Skehan street.
Durham street, 5 feet west from Hanson street.
Earle street, 4 feet east from Ward street.
Eastman place, 279 feet south from Highland avenue.
Edmands street, 15 feet south from Broadway.
Eliot street, 3 feet east from Park street.
Ellsworth street, 7 feet west from Rush street.
Elm street, 59 feet west from Craigie street.
Elm street, 17 feet west from Porter street.
Elm street, 28 feet east from Linden avenue.
Elm street, 11 feet east from Mossland street.
Elm street, 9 feet west from Cedar street.
Elm street, 153 feet east from Cherry street.
Elm street, 110 feet west from Cherry street.
Elm street, 14 feet east from Burnside avenue.
Elm street, 104 feet east from Willow avenue.
Elm street, 20 feet east from St. James avenue.
Elm street, 9 feet west from Elston street.
Elm street, 90 feet west from Windom street.
Elm street, 30 feet west from Russell street.
Elm street, 11 feet west from Grove street.
Elm street, 82 feet west from Chester street.
Elmwood street, 9 feet south from Holland street.
Elmwood street, 300 feet east from Harrison street.
Elmwood street, 85 feet west from Harrison street.
Endicott avenue, 422 feet south from Broadway.
Everett avenue, 5 feet west from Cross street.
Everett avenue, 9 feet east from Dana street.
Everett avenue, 449 feet west from Cross street.
Everett street, opposite Emerson street.
Evergreen avenue, 8 feet east from School street.
Evergreen avenue, 114 feet east from Sycamore street.
Fairlee street, 134 feet west from Cherry street.
Fairmount avenue, 280 feet west from Curtis street.
Fairmount avenue, opposite Watson street.
Farm lane, 70 feet north from Sumner street.
Farm lane, 67 feet south from Roberts street.
Farragut avenue, 258 feet south from Broadway.
Farragut avenue, 537 feet south from Broadway.
Fellsway East, 7 feet north from Broadway.
Fellsway West, 11 feet north from Broadway.
Fellsway West, 437 feet south from Mystic avenue.
Fenwick street, 40 feet north from Broadway.
Fiske avenue, 120 feet east from Hinckley street.
Fitchburg street, 395 feet east from Linwood street.
Flint street, 18 feet east from Flint avenue.
Flint street, 59 feet east from Cross street.
Flint street, 30 feet west from Franklin street.
Florence street, 206 feet south from Perkins street.
Florence street, 7 feet south from Pearl street.
Florence street, 453 feet north from Washington street.
Forster street, opposite Tennyson street.
Fosket street, 6 feet west from Bay State avenue.
Francesca avenue, 305 feet east from College avenue.
Francesca avenue, 7 feet west from Liberty avenue.
Franklin street, 14 feet north from Arlington street.
Franklin street, 55 feet north from Perkins street.
Franklin street, 76 feet south from Webster street.
Franklin street, 156 feet south from Pearl street.
Franklin street, 80 feet south from Oliver street.

Franklin street, 87 feet south from Palmer avenue.
Franklin street, 29 feet north from Washington street.
Fremont street, 82 feet north from Main street.
Fremont street, 343 feet north from Main street.
Fremont street, opposite Meacham street.
Fremont street, 287 feet north from Meacham street.
Fremont street, 25 feet north from East Albion street.
Frost avenue, 75 feet east from Sherman street.
Fountain avenue, 280 feet west from Glen street.
Garden court, 357 feet south from Somerville avenue.
Garfield avenue, 7 feet north from Broadway.
Garfield avenue, 24 feet south from Mystic avenue.
Garrison avenue, 235 feet south from Broadway.
Gibbens street, 202 feet west from Central street.
Gibbens street, 129 feet west from Benton road.
Gilman square, opposite Marshall street.
Gilman street, 103 feet east from Walnut street.
Gilman street, 143 feet east from Jasper street.
Gilman street, 8 feet west from Aldrich street.
Gilman street, 176 feet east from Aldrich street.
Gilman street, 295 feet west from Cross street.
Glass-house court, 360 feet west from Water street.
Glen street, 147 feet south from Broadway.
Glen street, 8 feet north from Brook street.
Glen street, 6 feet north from Webster street.
Glen street, 1 foot north from Flint street.
Glen street, 11 feet north from Fountain avenue.
Glendale avenue, 80 feet west from Cameron avenue.
Glendale avenue, 8 feet east from Yorktown street.
Glenwood road, 224 feet south from Broadway.
Glenwood road, 16 feet north from Vernon street.
Glenwood road, 320 feet north from Vernon street.
Glenwood road, 467 feet north from Vernon street.
Gorham street, 310 feet south from Holland street.
Gorham street, 67 feet north from Howard street.
Grand View avenue, 286 feet east from Vinal avenue.
Granite street, 178 feet north from Somerville avenue.
Grant street, 2 feet north from Derby street.
Greene street, 295 feet south from Summer street.
Greenville street, 148 feet north from Boston street.
Greenville street, 33 feet north from Munroe street.
Grove street, 163 feet south from Highland avenue.
Hall avenue, 310 feet east from College avenue.
Hall avenue, 306 feet west from Liberty avenue.
Hall avenue, 9 feet west from Liberty avenue.
Hall street, 269 feet west from Cedar street.
Hamlet street, 321 feet south from Highland avenue.
Hammond street, 30 feet west from Dickinson street.
Hancock street, 258 feet south from Summer street.
Hanson street, 12 feet south from Village street.
Hanson street, 9 feet south from Nevada avenue.
Hanson street, 6 feet south from Skehan street.
Harrison street, 77 feet east from Kent street.
Harrison street (Ward 7), 4 feet east from Elmwood street.
Harvard street, 13 feet north from Beech street.
Harvard street, 23 feet north from Harvard place.
Hathorn street, 145 feet south from Broadway.
Hawkins street, 50 feet north from Lake street.
Hawthorne street, 8 feet east from Cutter avenue.
Hawthorne street, 209 feet east from West street.
Heath street, 3 feet west from Temple street.
Heath street, 308 feet west from West street.

Heath street, 100 feet west from Bond street.
Heath street, 4 feet east from Fenwick street.
Heath street, 5 feet east from Moreland street.
Henderson street, 107 feet north from Wilton street.
Herbert street, 163 feet west from Chester street.
Highland avenue, 28 feet west from Hamlet street.
Highland avenue, 5 feet east from Walnut street.
Highland avenue, 262 feet west from Walnut street.
Highland avenue, 80 feet east from Vinal avenue.
Highland avenue, 41 feet west from Putnam street.
Highland avenue, 75 feet west from Prescott street.
Highland avenue, 114 feet west from School street.
Highland avenue, 410 feet west from School street.
Highland avenue, 112 feet west from Trull lane.
Highland avenue, 171 feet east from Central street.
Highland avenue, 214 feet east from Spring Hill terrace.
Highland avenue, 23 feet west from Spring Hill terrace.
Highland avenue, 20 feet west from Belmont street.
Highland avenue, 4 feet east from Tower street.
Highland avenue, 2 feet east from Porter street.
Highland avenue, 212 feet east from Cedar street.
Highland avenue, 63 feet east from Cherry street.
Highland avenue, 35 feet east from Hancock street.
Highland avenue, 4 feet west from Hancock street.
Highland avenue, 44 feet east from Willow avenue.
Highland avenue, 3 feet west from Willow avenue.
Highland avenue, 59 feet east from West street.
Highland avenue, 36 feet west from West street.
Highland avenue, 36 feet east from Grove street.
Highland avenue, 6 feet west from Grove street.
Highland avenue, 218 feet west from Grove street.
Highland avenue, 64 feet east from Davis square.
Highland road, 264 feet north from Morrison avenue.
Highland road, 83 feet south from Frederick avenue.
Highland road, 175 feet north from Frederick avenue.
Highland road, 221 feet south from Boston avenue.
Hinckley street, 106 feet south from Broadway.
Holland street, 39 feet west from Dover street.
Holland street, 8 feet west from B. & M. R. R. crossing.
Holland street, 23 feet south from Winter street.
Holland street, 5 feet east from Jay street.
Holland street, 3 feet east from Paulina street.
Holland street, 94 feet east from Claremon street.
Holyoke road (E.), 167 feet south from Elm street.
Holyoke road (W.), 185 feet south from Elm street.
Homer square, 200 feet west from Bonner avenue.
Houghton street, 82 feet west from Prospect street.
Houghton street, 3 feet west from Bolton street.
Houghton street, 10 feet west from Oak street.
Howard street, 36 feet west from Thorndike street.
Howe street, 162 feet east from School street.
Hudson street, 12 feet east from Waldo street.
Hudson street, opposite Benton road.
Hudson street, 294 feet east from Lowell street.
Hudson street, 10 feet west from Lowell street.
Hudson street, 362 feet west from Lowell street.
Hudson street, 675 feet west from Lowell street.
Hudson street, 364 feet east from Cedar street.
Hudson street, 24 feet east from Cedar street.
Ibbetson street, 256 feet north from Somerville avenue.
Ibbetson street, 6 feet south from Kimball street.
Irving street, 6 feet south from Broadway.

Irving street, 285 feet south from Broadway.
Irving street, 542 feet north from Holland street.
Irving street, 190 feet north from Holland street.
James street, 100 feet north from Pearl street.
Jaques street, 10 feet west from Fellsway West.
Jaques street, 8 feet west from Grant street.
Jaques street, 360 feet east from Temple street.
Jaques street, 185 feet west from Temple street.
Jaques street, 410 feet east from Bond street.
Jasper street, 5 feet south from Virginia street.
Jay street, 82 feet north from Howard street.
Joseph street, 100 feet west from Adrian street.
Josephine avenue, 397 feet north from Morrison avenue.
Josephine avenue, 90 feet south from Frederick avenue.
Josephine avenue, 129 feet north from Frederick avenue.
Josephine avenue, 425 feet north from Frederick avenue.
Josephine avenue, 213 feet south from Broadway.
Joy street, 34 feet south from Washington street.
Joy street, 502 feet south from Washington street.
Joy street, 271 feet north from Poplar street.
Kensington avenue, 6 feet north from Broadway.
Kent court, 205 feet west from Kent street.
Kent street, 38 feet south from Somerville avenue.
Kidder avenue, 346 feet east from College avenue.
Kingman court, 282 feet south from Washington street.
Kingston street, 95 feet west from Thorndike street.
Knowlton street, opposite Morton street.
Lake street, 220 feet west from Hawkins street.
Lake street, 4 feet east from Carlton street.
Laurel street, 50 feet north from Greene street.
Laurel street, 8 feet north from Park place.
Lawrence street, 12 feet south from Richardson street.
Leland street, 14 feet south from Dane avenue.
Lesley avenue, 57 feet north from Highland avenue.
Lexington avenue, 244 feet west from Cedar street.
Lexington avenue, 200 feet east from Hancock street.
Lexington avenue, 3 feet west from Hancock street.
Lexington avenue, 4 feet east of Henry avenue.
Liberty avenue, 3 feet north from Kidder avenue.
Liberty avenue, 12 feet north from Mallett street.
Lincoln avenue, 206 feet west from Mt. Vernon street.
Lincoln parkway, 150 feet west from Joseph street.
Lincoln parkway, 290 feet east from Wyatt street.
Lincoln street, 38 feet south from Broadway.
Lincoln street, 174 feet north from Perkins street.
Linden avenue, 118 feet south from Gilson terrace.
Linden avenue, 255 feet south from Olive avenue.
Linden avenue, 30 feet north from Olive avenue.
Linden street, 31 feet north from Charlestown street.
Linden street, 237 feet south from Somerville avenue.
Line street, 272 feet west from Cooney street.
Line street, 100 feet west from Smith avenue.
Linwood street, 385 feet south from Washington street.
Linwood street, 12 feet north from Linwood terrace.
Linwood street, 48 feet south from Lamson court.
Linwood street, 125 feet north from London street.
Linwood street, 52 feet south from London street.
Linwood street, 2 feet south from Linwood place.
London street, 383 feet east from Linwood street.
Loring street, 276 feet north from Somerville avenue.
Lovell street, 41 feet south from Electric avenue.
Lowden avenue, 85 feet south from Broadway.

Lowden avenue, 8 feet south from Mallett street.
Lowden avenue, 178 feet north from Kidder avenue.
Lowden avenue, 27 feet south from Kidder avenue.
Lowell street, 1 foot north from Fiske avenue.
Lowell street, 50 feet north from Richardson street.
Lowell street, 183 feet south from Richardson street.
Lowell street, 124 feet south from Wilton street.
Lowell street, opposite Vernon street.
Lowell street, 3 feet south from Princeton street.
Lowell street, 163 feet south from Highland avenue.
Lowell street, 53 feet north from Crown street.
Lowell street, 351 feet south from Summer street.
Lowell street, 16 feet north from Kimball street.
Madison street, 103 feet west from School street.
Madison street, 467 feet west from School street.
Main street, junction with Broadway.
Main street, 112 feet west from Mt. Vernon avenue.
Main street, 5 feet west from Moreland street.
Malloy court, 16 feet south from Somerville avenue.
Mansfield street, 190 feet north from Somerville avenue.
Mansfield street, 189 feet south from Washington street.
Maple avenue, 294 feet east from School street.
Maple street, 7 feet south from Jackson street.
Maple street, 87 feet north from Poplar street.
Marion street, 31 feet south from Adrian street.
Marion street, 74 feet north from Wyatt street.
Marshall street, 80 feet south from Stickney avenue.
Marshall street, 30 feet north from Stickney avenue.
Marshall street, opposite Howe street.
Marshall street, 5 feet north from Evergreen avenue.
Marshall street, 104 feet south from Mortimer place.
Marshall street, 109 feet north from Oakland avenue.
Meacham road, 4 feet north from Orchard street.
Meacham road, 97 feet north from Kingston street.
Meacham road, 326 feet east from Lester terrace.
Meacham street, 14 feet west from Moreland street.
Mead street, 48 feet east from Claremon street.
Medford street, 50 feet north from Hennessey court.
Medford street, 56 feet north from Lowell street.
Medford street, 14 feet north from Glenwood road.
Medford street, 16 feet south from Bartlett street.
Medford street, 6 feet north from Central street.
Medford street, 19 feet south from Sycamore street.
Medford street, 15 feet south from Lee street.
Medford street, 46 feet south from Thurston street.
Medford street, 5 feet north from School street.
Medford street, 171 feet north from Marshall street.
Medford street, 266 feet north from Walnut street.
Medford street, 3 feet east from Walnut street.
Medford street, 291 feet south from Walnut street.
Medford street, 8 feet south from Greenville street.
Medford street, 13 feet north from Prospect Hill avenue.
Medford street, 240 feet south from Prospect Hill avenue.
Medford street, opposite Chester avenue.
Medford street, 216 feet south from Washington street.
Medford street, 69 feet north from Jackson street.
Medford street, 21 feet north from Somerville avenue.
Medford street, 382 feet south from Somerville avenue.
Medford street, 220 feet north from Ward street.
Medford street, 55 feet north from Ward street.
Medford street, 91 feet south from Ward street.
Medford street, 46 feet south from South street.

Medford street, 17 feet south from Warren street.
Medford street, 220 feet south from Warren street.
Melrose street, 610 feet north from Mystic avenue.
Merriam street, 25 feet north from Charlestown street.
Miller street, 300 feet west from Sacramento street.
Miner street, 137 feet north from Vernon street.
Mondamin court, 272 feet west from Ivaloo street.
Monmouth street, 7 feet west from Central street.
Monmouth street, 156 feet east from Harvard street.
Montrose street, 10 feet east from Sycamore street.
Montrose street, 287 feet east from Sycamore street.
Montrose street, 259 feet west from School street.
Moore street, 22 feet south from Holland street.
Moore street, 335 feet south from Holland street.
Moore street, 21 feet north from Mead street.
Moreland street, 345 feet north from Meacham street.
Moreland street, 2 feet south from East Albion street.
Morgan street, 125 feet west from Park street.
Morrison avenue, 124 feet west from Cedar street.
Morrison avenue, 44 feet east from Pearson avenue.
Morrison avenue, 124 feet east from Rogers avenue.
Morrison avenue, 13 feet west from Newberne street.
Morrison avenue, 183 feet west from Clifton street.
Morrison avenue, 33 feet west from Grove street.
Mossland street, 114 feet north from Somerville avenue.
Mt. Pleasant street, 140 feet south from Broadway.
Mt. Pleasant street, 135 feet north from Perkins street.
Mt. Vernon avenue, 156 feet north from Heath street.
Mt. Vernon avenue, 38 feet south from Heath street.
Mt. Vernon street, 246 feet north from Washington street.
Mt. Vernon street, 8 feet north from Pearl street.
Mt. Vernon street, 7 feet south from Perkins street.
Mt. Vernon street, 11 feet south from Lincoln avenue.
Mt. Vernon street, 5 feet south from Broadway.
Munroe street, 203 feet east from Walnut street.
Munroe street, 6 feet west from Bigelow street.
Munroe street, 289 feet west from Boston street.
Murdock street, 204 feet east from Cedar street.
Murdock street, 610 feet east from Cedar street.
Museum street, 174 feet west from Beacon street.
Myrtle street, 218 feet north from Washington street.
Myrtle street, 460 feet north from Washington street.
Myrtle street, 74 feet south from Pearl street.
Myrtle street, 219 feet north from Pearl street.
Mystic avenue, 90 feet east from Union street.
Mystic avenue, 3 feet west from Union street.
Mystic avenue, 438 feet east from Austin street.
Mystic avenue, 11 feet west from Fellsway West.
Mystic avenue, 60 feet west from Temple street.
Mystic avenue, 25 feet east from Melrose street.
Mystic avenue, 800 feet east from Moreland street.
Mystic avenue, 544 feet east from Moreland street.
Mystic avenue, 241 feet east from Moreland street.
Mystic street (Ward 1), 148 feet north from Benedict street.
Mystic street (Ward 2), 160 feet south from Washington street.
Nashua street, 190 feet south from Wilton street.
Newberne street, 62 feet south from Morrison avenue.
Newbury street, 15 feet south from Holland street.
Newbury street, 260 feet south from Holland street.
Newbury street, 558 feet south from Holland street.
Newbury street, 777 feet south from Holland street.
Newbury street, 200 feet north from Cambridge line.

New Cross street, 114 feet north from Broadway.
Newton street, 9 feet west from Joseph street.
Newton street, 9 feet east from Clark street.
Norfolk street, 27 feet south from Webster avenue.
Norfolk street, 227 feet south from Webster avenue.
North street, 18 feet north from Broadway.
North street, 13 feet north from south line of Russell road.
North street, 453 feet north from Raymond avenue.
North street, 190 feet north from city bound No. 17.
North Union street, 287 feet north from Mystic avenue.
Oak street, 8 feet west from Prospect street.
Oak street, 315 feet north from Houghton street.
Oakland avenue, 109 feet west from Marshall street.
Oliver street, 191 feet east from Cross street.
Oliver street, 15 feet east from Glen street.
Oliver street, 7 feet west from Franklin street.
Orchard street, 8 feet west from Russell street.
Orchard street, west corner Milton street.
Orchard street, 9 feet east from Chester street.
Ossipee road, 177 feet east from Curtis street.
Ossipee road, 139 feet west from Packard avenue.
Otis street, 12 feet west from Cross street.
Otis street, 440 feet west from Cross street.
Otis street, 9 feet east from Dana street.
Otis street, 6 feet east from Wigglesworth street.
Oxford street, 280 feet west from School street.
Oxford street, 46 feet east from Trull lane.
Oxford street, 237 feet west from Hersey street.
Packard avenue, 164 feet south from Electric avenue.
Packard avenue, 34 feet north from Electric avenue.
Packard avenue, 35 feet south from Powder House boulevard.
Park avenue, 83 feet west from College avenue.
Park avenue, 10 feet west from Chandler street.
Park street, opposite Allen court.
Park street, 187 feet north from Beacon street.
Park street, 69 feet south from Somerville avenue.
Partridge avenue, 5 feet south from Broadway.
Partridge avenue, 26 feet north from Medford street.
Partridge avenue, 117 feet south from Medford street.
Partridge avenue, 421 feet south from Medford street.
Partridge avenue, 276 feet north from Vernon street.
Paulina street, 184 feet north from Holland street.
Paulina street, 288 feet south from Broadway.
Paulina street, 5 feet south from Broadway.
Pearl street, 50 feet west from Crescent street.
Pearl street, 7 feet north from Pinckney street.
Pearl street, 29 feet east from Franklin street.
Pearl street, opposite Hillside avenue.
Pearl street, 15 feet west from Glen street.
Pearl street, 90 feet east from Cross street.
Pearl street, 3 feet east from Pearl terrace.
Pearl street, 6 feet west from Walnut street.
Pearl street, 72 feet east from Bradley street.
Pearl street, 110 feet east from Marshall street.
Pearson avenue, 309 feet north from Morrison avenue.
Pearson avenue, 44 feet south from Frederick avenue.
Pearson avenue, 308 feet north from Frederick avenue.
Pearson road, 127 feet north from Broadway.
Pembroke street, 14 feet east from Tennyson street.
Perkins street, opposite Myrtle street.
Perkins street, 78 feet east from Florence street.
Perkins street, 24 feet east from Pinckney street.

Perkins street, 56 feet east from Perkins place.
Perkins street, 21 feet east from Mt. Pleasant street.
Perry street, 324 feet south from Washington street.
Pinckney street, 11 feet north from Washington street.
Pinckney street, 330 feet south from Pearl street.
Pinckney street, 71 feet south from Pearl street.
Pinckney street, 203 feet north from Pearl street.
Pitman street, 180 feet west from Beech street.
Pleasant avenue, 256 feet west from Walnut street.
Poplar street, 21 feet west from Joy street.
Poplar street, 22 feet east from Linwood street.
Porter street, 1 foot north from Mountain avenue.
Porter street, 282 feet south from Summer street.
Porter street, 24 feet north from Williams court.
Porter street, 8 feet north from Parker place.
Powder House boulevard, 191 feet west from Packard avenue.
Powder House boulevard, 172 feet east from Curtis street.
Powder House boulevard, 197 feet west from Curtis street.
Powder House boulevard, 528 feet west from Curtis street.
Prescott street, 330 feet south from Highland avenue.
Prescott street, 586 feet south from Highland avenue.
Prescott street, 257 feet north from Summer street.
Preston road, 269 feet west from School street.
Preston road, 166 feet south from Summer street.
Pritchard avenue, 255 feet north from Morrison avenue.
Pritchard avenue, 46 feet north from Frederick avenue.
Pritchard avenue, 168 feet south from Boston avenue.
Professors row, 39 feet east from College avenue.
Professors row, 158 feet west from Boston avenue.
Professors row, 126 feet west from College avenue.
Professors row, 291 feet west from College avenue.
Professors row, 548 feet east from Packard avenue.
Professors row, 156 feet east from Packard avenue.
Professors row, 3 feet west from Packard avenue.
Professors row, 296 feet west from Packard avenue.
Professors row, 113 feet east from Curtis street.
Prospect Hill avenue, 10 feet north from Munroe street.
Prospect street, 135 feet north from Bennett street.
Prospect street, 35 feet south from Concord avenue.
Prospect street, 185 feet south from Oak street.
Prospect street, 403 feet south from Oak street.
Prospect street, 63 feet north from Houghton street.
Putnam street, 116 feet south from Highland avenue.
Putnam street, 420 feet south from Highland avenue.
Putnam street, 612 feet north from Summer street.
Putnam street, 308 feet north from Summer street.
Putnam street, 46 feet north from Summer street.
Quincy street, 91 feet north from Somerville avenue.
Quincy street, 381 feet north from Somerville avenue.
Quincy street, 26 feet south from Summer street.
Raymond avenue, 728 feet west from Curtis street.
Richardson street, 11 feet west from Nashua street.
Richdale avenue, opposite Thurston street.
Robinson street, 325 feet west from Central street.
Rogers avenue, 369 feet south from Broadway.
Rogers avenue, 257 feet north from Frederick avenue.
Rogers avenue, 88 feet south from Frederick avenue.
Rogers avenue, 255 feet north from Morrison avenue.
Rossmore street, 244 feet south from Washington street.
Rush street, 84 feet south from Pearl street.
Rush street, 11 feet north from Pearl street.
Rush street, 128 feet north from Brook street.

Russell road, 11 feet north from Broadway.
Russell road, 312 feet north from Broadway.
Sacramento street, 5 feet south from Miller street.
Sacramento street, 128 feet south from Beacon street.
Sanborn avenue, 55 feet east from Walnut street.
Sargent avenue, 474 feet south from Broadway.
Sargent avenue, 361 feet west from Walnut street.
Sargent avenue, 95 feet west from Walnut street.
School street, 31 feet south from Oakland avenue.
School street, 100 feet south from Maple avenue.
School street, 6 feet south from Montrose street.
School street, 128 feet north from Highland avenue.
School street, 88 feet north from Oxford street.
School street, 15 feet north from Avon street.
School street, 100 feet south from Summer street.
School street, 93 feet south from Preston road.
School street, 61 feet north from Knapp street.
Sewall street, 311 feet west from Grant street.
Shawmut street, 9 feet west from Washington street.
Shawmut street, 153 feet west from Shawmut place.
Simpson avenue, 272 feet south from Broadway.
Simpson avenue, 142 feet north from Holland street.
Skehan street, 110 feet east from Hanson street.
Skilton avenue, on east entrance, 173 feet south from south line of Pearl street.
Somerville avenue, 188 feet west from Mossland street.
Somerville avenue, 308 feet east from Mossland street.
Somerville avenue, 600 feet east from Mossland street.
Somerville avenue, 116 feet west from Elm street.
Somerville avenue, 9 feet east from Ibbetson street.
Somerville avenue, 77 feet east from Belmont street.
Somerville avenue, 14 feet west from Garden court.
Somerville avenue, 133 feet west from Kent street.
Somerville avenue, 13 feet west from Beech street.
Somerville avenue, 11 feet east from Central street.
Somerville avenue, 2 feet west from Abdell street.
Somerville avenue, 15 feet west from Laurel street.
Somerville avenue, 86 feet west from Granite street.
Somerville avenue, 38 feet west from Sherman street.
Somerville avenue, 76 feet east from Hawkins street.
Somerville avenue, 185 feet west from Hawkins street.
Somerville avenue, 88 feet west from Quincy street.
Somerville avenue, 105 feet east from Carlton street.
Somerville avenue, 90 feet west from Prospect street.
Somerville avenue, 28 feet west from Linden street.
Somerville avenue, 9 feet east from Mystic street.
Somerville avenue, 94 feet west from Mansfield street.
Somerville avenue, 126 feet east from Medford street.
Somerville avenue, 88 feet east from Poplar street.
Somerville avenue, 464 feet east from Poplar street.
Somerville avenue, 153 feet west from Linwood street.
Somerville avenue, 20 feet east from F. R. R. crossing.
Somerville avenue, 368 feet west from Franklin court.
Somerville avenue, 262 feet west from Franklin court.
Somerville avenue, 23 feet east from Franklin court.
Somerville avenue, 81 feet south from north line of Squire's box mill.
Somerville avenue, 100 feet west from Cambridge line.
South street, 97 feet west from Bedford street.
South street, 2 feet east from Harding street.
South street, 25 feet west from Hunting street.
South street, 80 feet west from Willow place.
Spencer avenue, 290 feet west from Cedar street.

Spencer avenue, 63 feet east from Hancock street.
Spring street, 10 feet south from Pitman street.
Spring street, 184 feet north from Beech street.
Spring Hill terrace, 333 feet south from Highland avenue.
Springfield street, 140 feet south from Concord avenue.
Springfield street, 21 feet south from Dickinson street.
Springfield street, 177 feet south from Houghton street.
Stickney avenue, 212 feet west from Marshall street.
Stone avenue, 120 feet north from Union square.
Stone avenue, 275 feet south from Columbus avenue.
Summer street, 148 feet east from Cutter avenue.
Summer street, opposite Elston street.
Summer street, west corner Hancock street.
Summer street, 34 feet east from Banks street.
Summer street, 6 feet east from Cherry street.
Summer street, 6 feet east from Cedar street.
Summer street, 24 feet east from Linden avenue.
Summer street, opposite Craigie street.
Summer street, 35 feet east from Porter street.
Summer street, 4 feet east from Lowell street.
Summer street, 3 feet east from Belmont street.
Summer street, 1 foot west from Spring street.
Summer street, 53 feet west from Harvard street.
Summer street, 215 feet east from Harvard street.
Summer street, 59 feet east from Central street.
Summer street, 19 feet west from Laurel street.
Summer street, 52 feet west from Preston road.
Summer street, 191 feet west from School street.
Summer street, 8 feet east from School street.
Summit avenue, 231 feet east from Vinal avenue.
Sunnyside avenue, 99 feet west from Wigglesworth street.
Sycamore street, 18 feet south from Broadway.
Sycamore street, 62 feet south from Browning road.
Sycamore street, 1 foot south from Forster street.
Sycamore street, 200 feet north from Medford street.
Sycamore street, 174 feet south from Medford street.
Sydney street, 418 feet east from Temple street.
Talbot avenue, 488 feet east from Packard avenue.
Temple street, 4 feet north from Broadway.
Temple street, 123 feet south from Sewall street.
Temple street, 11 feet north from Jaques street.
Temple street, 6 feet south from Derby street.
Temple street, 5 feet south from Sydney street.
Tenney court, 306 feet north from Mystic avenue.
Tennyson street, 4 feet south from Medford street.
Tennyson street, 117 feet north from Pembroke street.
Thorndike street, 4 feet south from Holland street.
Thorndike street, 82 feet north from Kingston street.
Thorpe place, 269 feet south from Highland avenue.
Thurston street, 187 feet north from Medford street.
Thurston street, 160 feet south from Evergreen avenue.
Thurston street, 6 feet north from Evergreen avenue.
Thurston street, 348 feet north from Evergreen avenue.
Tower street, 18 feet north from Crown street.
Tremont street, 9 feet south from Webster avenue.
Tremont street, 454 feet south from Webster avenue.
Trull street, 3 feet south from Medford street.
Trull street, 276 feet south from Medford street.
Trull street, 522 feet north from Vernon street.
Trull street, 270 feet north from Vernon street.
Tufts street, 51 feet north from Washington street.
Tufts street, 150 feet south from Glen street.

Tufts street, 43 feet north from Glen street.
Tufts street, 53 feet south from Dell street.
Tufts street, 45 feet south from Cross street.
Tyler street, 31 feet east from Vine street.
Union square, 267 feet east from Webster avenue.
Union square, 15 feet east from Stone avenue.
Union square, 3 feet west from Bow street.
Union square, centre of square.
Union street, 3 feet north from Broadway.
Union street, 123 feet south from Mystic avenue.
Veazie street, 1 foot west from James street.
Vernon street, 72 feet west from Partridge avenue.
Vernon street, 1 foot east from Bartlett street.
Vernon street, 2 feet east from Miner street.
Victoria street, 255 feet south from Broadway.
Victoria street, 506 feet south from Broadway.
Victoria street, 151 feet north from Woodstock street.
Villa avenue, 121 feet south from Winslow avenue.
Vinal avenue, 6 feet south from Highland avenue.
Vinal avenue, 10 feet north from Pleasant avenue.
Vinal avenue, 129 feet north from Aldersey street.
Vinal avenue, 206 feet north from Summer street.
Vinal avenue, 15 feet north from Summer street.
Vine street, 15 feet north from Beacon street.
Vine street, opposite Eliot street.
Vine street, 121 feet south from Tyler street.
Vine street, 32 feet south from Somerville avenue.
Virginia street, 45 feet west from Aldrich street.
Waldo street, 6 feet north from Highland avenue.
Wallace street, 37 feet south from Broadway.
Wallace street, 395 feet south from Broadway.
Wallace street, 483 feet north from Park avenue.
Wallace street, 166 feet north from Park avenue.
Wallace street, 10 feet north from Holland street.
Walnut street, 88 feet south from Wellington avenue.
Walnut street, opposite Veazie street.
Walnut street, 87 feet north from Gilman street.
Walnut street, 31 feet north from Pleasant avenue.
Walnut street, 12 feet south from Boston street.
Walter street, 28 feet west from Walnut street.
Walter street, 50 feet west from Bradley street.
Ward street, 104 feet west from Medford street.
Ward street, 7 feet east from Emery street.
Ware street, 258 feet west from Curtis street.
Ware street, 638 feet west from Curtis street.
Warner street, 60 feet north from Broadway.
Warren avenue, 5 feet north from Sanborn avenue.
Warren avenue, 48 feet north from Bow street.
Warren avenue, 7 feet south from Columbus avenue.
Warwick place, 142 feet north from Warwick street.
Warwick street, 426 feet east from Cedar street.
Washington street, 69 feet west from Crescent street.
Washington street, 3 feet west from Waverley street.
Washington street, west corner Mt. Vernon street.
Washington street, 3 feet west from Murray street.
Washington street, 6 feet west from Florence street.
Washington street, 15 feet west from Myrtle street.
Washington street, 2 feet east from Bartlett street.
Washington street, 18 feet east from Franklin avenue.
Washington street, 160 feet east from Franklin street.
Washington street, 58 feet west from Franklin street.
Washington street, 50 feet east from Shawmut street.

Washington street, 37 feet east from Rossmore street.
Washington street, 78 feet east from Boston street.
Washington street, 28 feet west from Mystic street.
Washington street, 6 feet west from Clark place.
Washington street, 156 feet west from Bonner avenue.
Washington street, 6 feet east from Kingman court.
Washington street, 243 feet east from Parker street.
Washington street, 50 feet east from Bowdoin street.
Washington street, 15 feet east from Perry street.
Washington street, 9 feet east from Leland street.
Washington street, 112 feet east from Dane street.
Washington street, 175 feet west from Dane street.
Washington street, 45 feet east from Beacon street.
Washington street, 62 feet east from Line street.
Water street, 91 feet north from South street.
Water street, 254 feet north from South street.
Water street, 354 feet north from South street.
Waterhouse street, 24 feet south from Broadway.
Waterhouse street, 326 feet south from Broadway.
Waterhouse street, 630 feet south from Broadway.
Webster avenue, 93 feet south from Washington street.
Webster avenue, 12 feet south from Everett street.
Webster avenue, 25 feet north from Newton street.
Webster avenue, 63 feet north from Prospect street.
Webster avenue, 18 feet south from Prospect street.
Webster avenue, 78 feet north from Tremont street.
Webster avenue, 3 feet north from Beach avenue.
Webster avenue, 1 foot south from Columbia court.
Webster street, 25 feet east from Cross street.
Webster street, 9 feet east from Rush street.
Webster street, opposite Cutter street.
Wellington avenue, 15 feet west from Montgomery avenue.
Wesley street, 200 feet north from Pearl street.
Wesley park, 16 feet north from Bow street.
Wesley park, 335 feet north from Bow street.
West street, 2 feet north from Broadway.
West street (Ward 7), 92 feet south from Highland avenue.
West street (Ward 7), 140 feet north from Highland avenue.
Westminster street, 156 feet south from Electric avenue.
Westwood road, 90 feet west from Central street.
Westwood road, 58 feet east from Benton road.
Wheatland street, 129 feet north from Broadway.
Wheatland street, 9 feet south from Jaques street.
Wheatland street, 73 feet north from Derby street.
Wheatland street, 78 feet south from Mystic avenue.
Whipple street, 101 feet north from Highland avenue.
Wigglesworth street, 14 feet north from Pearl street.
William street, 8 feet east from Chandler street.
Willoughby street, 146 feet west from Sycamore street.
Willow avenue, 14 feet north from Summer street.
Willow avenue, 3 feet north from Lexington avenue.
Willow avenue, 46 feet south from Morrison avenue.
Willow avenue, 42 feet south from Fosket street.
Willow avenue, 85 feet south from Frederick avenue.
Willow avenue, 171 feet north from Frederick avenue.
Willow avenue, opposite Mallett street.
Wilton street, 6 feet east from Nashua street.
Wilton street, 10 feet east from Lawrence street.
Windom street, 7 feet south from Summer street.
Windsor road, 86 feet east from Willow avenue.
Windsor road, 45 feet west from Hancock street.
Winslow avenue, 145 feet east from College avenue.

Winslow avenue, 5 feet west from Grove street.
Winslow avenue, 224 feet east from Grove street.
Winslow avenue, 8 feet west from Clifton street.
Winter street, 130 feet east from Holland street.
Winter-hill circle, 178 feet north from Broadway.
Woodbine street, 222 feet west from Centre street.
Wyatt street, 8 feet south from Taunton street.

List of Private Hydrants Supplied from the City of Somerville Mains.

John P. Squire & Co.	10
North Packing and Provision Co.	10
New England Dressed Meat and Wool Co.	5
Boston & Maine Railroad	8
Union Glass Works	1
Fresh Pond Ice Co.	1
American Tube Works	1
Middlesex Bleachery	3
Boston Elevated Railway Co.	1
Metropolitan Sewerage Pumping Station	1
Tufts College	4
Middlesex Paper Co.	2
Derby Desk Co.	1
M. W. Carr & Co.	2

Locations of Water Posts.

Albion street, 83 feet west from Centre street.
Appleton street, 49 feet west from Willow avenue.
Bartlett street, 26 feet south from Broadway.
Beacon street, 33 feet north from Concord avenue.
Beacon street, 33 feet west from Vine street.
Beacon street, 94 feet east from Sacramento street.
Bolton street, opposite Baxter school.
Bonair street, 19 feet west from Wigglesworth street.
Bond street, 14 feet north from Broadway.
Boston avenue, opposite Highland road.
Boston street, 107 feet west from Greenville street.
Broadway, 75 feet west from Winthrop avenue.
Broadway, 6 feet west from Farm lane.
Broadway, 6 feet west from Irving street.
Broadway, 120 feet west from Clarendon avenue.
Broadway, 20 feet west from North street.
Cameron avenue, 6 feet north from Glendale avenue.
Cedar street, 96 feet south from Morrison avenue.
Cherry street, 161 feet south from Fairlee street.
College avenue, opposite Morrison avenue.
College avenue, 5 feet south from Kenwood street.
Columbus avenue, 54 feet east from Walnut street.
Concord avenue, opposite Knapp school.
Curtis street, 50 feet east from Professors row.
Dana street, 30 feet east from Pearl street.
Elm street, 25 feet west from Burnside avenue.
Flint street, 47 feet east from Cross street.
Franklin street, 127 feet south from Broadway.
Gilman street, 63 feet east from Walnut street.
Grove street, 19 feet south from Highland avenue.
Highland avenue, 44 feet west from Hamlet street.
Highland avenue, 50 feet west from Putnam street.
Highland avenue, 15 feet west from Central street.

Jaques street, 159 feet west from Grant street.
Laurel street, 20 feet south from Summer street.
Liberty avenue, 46 feet south from Broadway.
Linwood street, 70 feet west from Poplar street.
Lowell street, opposite Crown street.
Lowell street, 34 feet north from Highland avenue.
Lowell street, 102 feet north of Wilton street.
Medford street, 35 feet east from Ward street.
Medford street, at Gilman square.
Medford street, 19 feet east from Glenwood road.
Montrose street, 204 feet west from School street.
Mt. Vernon street, 71 feet south from Broadway.
Mystic avenue, 33 feet west from Union street.
New Cross street, 64 feet north from Broadway.
Orchard street, 107 feet west from Dover street.
Otis street, 127 feet west from Cross street.
Packard avenue, 55 feet southwest from Powder House boulevard.
Paulina street, 26 feet east from Holland street.
Pearl street, 28 feet east from Myrtle street.
Pleasant avenue, 104 feet west from Walnut street.
Putnam street, 96 feet north from Summer street.
School street, 116 feet south from Broadway.
School street, 50 feet north from Berkeley street.
Shawmut street, 74 feet north from Shawmut place.
Somerville avenue, 175 feet east from Fitchburg R. R. crossing.
Somerville avenue, 246 feet east from Poplar street.
Somerville avenue, 89 feet east from Mystic street.
Somerville avenue, 119 feet west from School street.
Somerville avenue, 35 feet east from Central street.
Somerville avenue, 92 feet west from Kent street.
Somerville avenue, 120 feet west from Oak square.
Somerville avenue, 42 feet east from Mossland street.
Summer street, 14 feet east from Belmont street.
Summer street, 32 feet east from Cedar street.
Summer street, 35 feet east from Cutter avenue.
Sycamore street, 28 feet west from Medford street.
Temple street, 124 feet south from Heath street.
Tremont street, 120 feet south from Webster avenue.
Tufts street, 114 feet east from Cross street.
Vernon street, 45 feet west from Central street.
Washington street, 96 feet west from Myrtle street.
Washington street, 7 feet west from Boston street.
Washington street, 34 feet west from Union square.
Washington street, opposite Leland street.
Wheatland street, 30 feet south from Mystic avenue.

Locations of Drinking Fountains.

Belmont park	D
Broadway, opposite park, near Winthrop avenue	H
Union square, junction Somerville avenue and Washington street	H
Union square, in front of Hill building	D I
Lincoln park	D
Gilman square	H
Gilman square	D I
Cutter square	C
Davis square, in front of Medina building	D I
Teele square	H

H, horse trough; D, drinking fountain; I, ice water; C, combination trough and drinking ntain.

Summary of Statistics

FOR THE YEAR ENDING DECEMBER 31, 1907.

In form recommended by the New England Water Works Association.

SOMERVILLE WATER WORKS.

SOMERVILLE, MIDDLESEX COUNTY, MASS.

GENERAL STATISTICS.

Population by census of 1905, 69,272.
Date of construction: commenced in 1868.
By whom owned: City of Somerville.
Source of supply: Metropolitan water system.
Mode of supply: water is delivered into the city's mains, under both high and low pressures, by the Metropolitan Water Works.

STATISTICS OF CONSUMPTION OF WATER.

1. Estimated total population at date, 72,000.
2. Estimated population on lines of pipe, 72,000.
3. Estimated population supplied, 72,000.
4. Total consumption for the year, 2,390,166,000 gallons.
7. Average daily consumption, 6,548,400 gallons.
8. Gallons per day to each inhabitant, 90.

STATISTICS RELATING TO DISTRIBUTION SYSTEM.

MAINS.

1. Kind of pipe, cast-iron.
2. Sizes, from 4-inch to 20-inch.
3. Extended 4,309 feet during year.
5. Total now in use, 92.13 miles.
7. Number of leaks per mile, 0.163.
9. Number of hydrants added during year (public and private), 5.
10. Number of hydrants (public and private) now in use, 1,072.
11. Number of stop gates added during year, 28.
12. Number of stop gates now in use, 1,404.
14. Number of blow-offs, 136.
15. Range of pressure on mains, 35 pounds to 100 pounds.

SERVICES.

16. Kind of pipe: Lead; wrought iron—lead-lined; wrought iron—cement-lined; cast iron.
17. Sizes, one-half to six inches.
18. Extended 6,575 feet.
20. Total now in use, 76.54 miles.
21. Number of service taps added during the year, 173.
22. Number now in use, 11,662.
24. Average cost of service for the year, $21.81.
25. Number of meters added, 661; discontinued, 35.
26. Number now in use, 3,446.
27. Percentage of services metered, 29.57.
28. Percentage of receipts from metered water, 43.67.
29. Number of motors and elevators added, 0.
30. Number now in use, 9 (included in number of meters).

FINANCIAL STATISTICS.

RECEIPTS.

From Water Rates:—		
A. Fixture rates	$127,300 64	
B. Meter rates	98,702 89	
C. Total from consumers		$226,003 53
M. From other sources:—		
Water service assessments		3,254 88
Labor and materials		5,879 71
N. Total		$235,138 12

EXPENDITURES.

Water Works Maintenance:—		
AA. Operation (management and repairs)	$30,721 75	
BB. Special:—		
Miscellaneous accounts	5,879 71	
CC. Total maintenance		$36,601 46
DD. Interest on bonds		3,200 00
EE. Payment of bonds		7,000 00
Water Works Construction:—		
GG. Extension of mains	$7,402 73	
HH. Extension of services	3,772 26	
II. Extension of meters	5,864 01	
KK. Total construction		$17,039 00
LL. Unclassified expenses:—		
Metropolitan water assessment		106,334 61
MM. Balance:—		
(*aa*) Ordinary	64,963 05	
Total balance		$64,963 05
N. Total		$235,138 12

Disposition of balance: applied to other municipal purposes.

O. Cost of works to date	$891,737 99
P. Bonded debt at date	69,000 00

R. Average rate of interest, 4 per cent.

REPORT OF CHIEF ENGINEER OF FIRE DEPARTMENT.

OFFICE OF CHIEF OF FIRE DEPARTMENT,
December 31, 1907.

To His Honor, the Mayor, and the Board of Aldermen:—

Gentlemen,—I herewith present to you the annual report of the fire department for the year ending December 31, 1907:—

Fire Alarms.

Number of bell alarms	253	
Number of still alarms	158	
Total alarms		411
Number in excess of 1906		74
Value of buildings at risk		$450,475 00
Damage to buildings		36,656 00
Insurance on buildings		323,590 00
Value of contents		212,172 00
Damage to contents		39,190 00
Insurance on contents		145,284 00
Total value of risks		662,647 00
Total damage		75,846 00
Total insurance		468,874 00

Manual Force.

The manual force of the department consists of 120 men, divided into companies as follows:—

	Permanent Men.	Callmen.	
Chief engineer	1		
Assistant engineer	1		
Engine Co. No. 1	6	7	
Engine Co. No. 2	5	9	
Engine Co. No. 4	5	7	
Hose and Chemical Co. No. 6	4	5	
Hose and Chemical Co No. 7	3	5	
Hose Co. No. 2	2	8	
Hose Co. No. 3	2	8	
Hose Co. No. 5	2	8	
Ladder and Chemical Co. No. 1	3	12	
Ladder Co. No. 2	2	12	
Chemical A	3		
Total number of men	39	81	120

Apparatus in Service.

Steam fire engines	3
Chemical engine	1
Combination chemical and hose wagons	2
Ladder truck	1
Ladder truck with chemical tanks	1
Hose wagons	6

Horses.

The number of horses owned and maintained, 41, divided as follows:—

Chief engineer	1
Central station	12
Engine Co. No. 2	5
Engine Co. No. 4	5
Union-square station	5
Hose Co. No. 2	2
Hose Co. No. 5	2
Hose Co. No. 6	4
Hose Co. No. 7	2
Ladder Co. No. 2	3
Total	41

Fire Hose.

There is in service in the department 10,600 feet of good hose and 900 feet of second-hand hose on auxiliary hose reels. All the hose has been tested, and that which could not stand the pressure of 100 pounds has been condemned for fire purposes, and 700 feet of same has been transferred to park department, 800 feet to street department, 450 feet to water department, and 600 feet to the sewer department; 1,290 pounds of worthless hose has been sold for $25.83, and the money paid to the city treasurer.

Recommendations.

I recommend that a new combination chemical and hose wagon be placed in the Clarendon-hill fire station to take the place of the apparatus now there, which is unsafe for use by reason of age.

That the steam fire engine at Clarendon-hill station be placed in service.

That a chemical engine be placed in service in the Union-square fire station.

That an automobile chemical engine be stationed at Union square, such engines having been pronounced a success by parties who have used them. It would be valuable in extinguishing small fires and economical in its operation.

I renew the recommendation made last year that Chapter 191 of the Acts of 1905, permitting the establishing of a sinking fund from which any municipal building damaged or destroyed by fire may be repaired or replaced by another building in lieu thereof. A copy of said act is herewith submitted.

An Act to Authorize Cities and Towns to Establish Municipal Building Insurance Funds.

Be it enacted, etc., as follows:—

Section 1. Any city or town which accepts the provisions of this act may establish and maintain a municipal building insurance fund, from which any municipal buildings or other property damaged or destroyed

by fire, lightning, or otherwise may be repaired, rebuilt, or replaced by other buildings or property to be used in lieu thereof.

Section 2. Any such city or town may raise money for the purposes of this act, not exceeding in amount in any one year one-twentieth of one per cent. of its assessed valuation; but no money shall be raised for such purpose while the amount of the fund equals or exceeds one per cent. of such valuation.

Section 3. The fund established under this act by any city or town shall be managed and administered as provided in section fifteen of chapter twenty-seven of the Revised Laws, by the sinking fund commissioners thereof, if such there be, or by any municipal board of commissioners or trustees having charge of its trust or sinking funds; and if in any such city or town such commissioners or trustees have not been established sinking fund commissioners shall be elected in the manner provided in section fourteen of chapter twenty-seven of the Revised Laws.

Section 4. This act may be accepted by any city by a concurrent vote of both branches of the city council, and by any town by a majority of the voters present and voting thereon at a meeting duly called for that purpose.

Section 5. This act shall take effect upon its passage.

Approved March 17, 1905.

Chapter 191, Acts and Resolves for 1905.

I again recommend, as in former years, that shingle roofs on all buildings throughout the city be discontinued and replaced by non-inflammable materials.

Fire Alarms and Causes thereof.

Accidental	2
Automobile	2
Burning of rubbish	2
Brush fires	2
Bonfires	4
Boiling over of tar	3
Boiling over of oil	1
Boiling over of fat	1
Broken gas pipe	1
Children playing with matches	15
Chimney fires	6
Combustion	9
Cigarette smoking	5
Cleansing clothes with naphtha	2
Clothing hanging over stoves	3
Curtains in contact with gas jets	7
Candle upset in bed	1
Child playing with gas light	1
Drying plastering	2
Defective chimneys	2
Dry house overheated	1
Electric cars	3
Electric wires	2
Explosion of stove polish	1
Explosion of chemical tank	1
Fire crackers on roof	2
Fireworks on roof	3
Fire in Medford	2
Fire in Boston	2
False alarms	41

Grass fires	11
Gas stove in contact with woodwork	1
Gas cock falling out	1
Hot ashes on floor	1
Hot ashes in barrels	3
Incendiaries	14
Kerosene lamps upset	6
Kerosene oil heaters	2
Lighting matches going to closet	6
Lamp left burning on chair	1
Leaking gas tube in bathroom	1
Mattresses in yards	2
Overheated oven	1
Overheated oil stoves	3
Overheated coal stoves	2
Paper hanging with gasolene torch	1
Painter's torch	2
Plumber's lamp	1
Paint and varnish	1
Rubbish in cellar	2
Rubbish in yard	4
Rubbish left in building	1
Rats and matches	5
Rags for wiping stoves	2
Salamander stove	1
Stepping on snap matches	8
Smoke from stove	3
Smoke from chimney	3
Spark in charcoal	2
Spark from blacksmith's forge	1
Spark in machine shop	1
Sparks from railroad	5
Spark from roofer's furnace	1
Sparks on awnings	3
Sparks on roofs from chimneys	11
Sparks from tobacco pipes	5
Thawing out water pipes	6
Total	253

In addition to the notices of fire alarms received by the fire alarm system, notices of fires by the Central telephone, the local telephone, oral notices, automatic signals from factories, district telephone, notice of engine going to Charlestown, and notice of hose No. 2 going to Medford have been received at the Central fire station. This shows the importance of there being a man always at the desk at the Central fire station to receive calls for services required. There is only one telephone connected with the fire department that can be used for general business. There have been fifty-eight oral and telephone calls for the fire apparatus at the Central station, and thirty-three times the apparatus at other stations has been sent to fires from the Central station. This record shows the necessity of having a greater number of men at this station.

Service of Companies in Fire Department, Year 1907.

	Engine 1.	Engine 2.	Engine 4.	Hose 2.	Hose 3.	Hose 5.	Hose and Chemical 6.	Hose and Chemical 7.	Chemical A.	Hook and Ladder 1.	Hook and Ladder 2.	Totals.
Bell alarms responded to	188	104	81	101	138	132	69	107	153	148	123	1,344
Still alarms responded to	10	44	9	32	6	20	11	11	22	. .	2	167
Miles traveled	446	167	143	301	171	241	150	150	341	219	189	2,518
Feet of hose used	14,450	13,400	8,350	12,800	11,450	12,850	2,900	6,050	. .	. .	. .	82,250
Feet of chemical hose used	. .	. .	. .	. .	. .	. .	2,000	10,000	26,250	14,700	. .	52,950
Feet of ladders used	70	93	80	140	65	240	. .	. .	219	3,354	2,314	6,575
Chemical extinguishers used	7	33	26	18	24	40	. .	10	. .	18	3	155
Gallons of chemical water used	. .	. .	. .	. .	. .	. .	668	1,458	4,000	1,325	. .	7,451
Times on duty at other stations	. .	2	. .	. .	. .	. .	7	4	. .	. .	. .	13

In Memoriam

Captain Melvin B. Ricker, born August 30, 1841, died September 7, 1907. He was, for a term of forty years, a member of the fire department of this city, seventeen years of which he was captain in command of hook and ladder company No. 1. He was an excellent fireman, greatly esteemed by his associates, and a worthy citizen.

Roster of Department.

James R. Hopkins	Chief Engineer	27 Summit ave.
Edward W. Ring	Assistant Engineer	Medford st.

ENGINE COMPANY NO. 1.

Name.	Born.	Rank.	Occupation.	Residence.
Wilfred Young,	Aug. 7, 1874,	Captain,	Fireman,	Highland ave.
Frank Langer,	July 4, 1854,	Lieutenant,	Wood Moulder,	Bartlett st.
John W. Bartlett,	Feb. 22, 1862,	Engineman,	Fireman,	Albion st.
Lyle Sterling,	Feb. 28, 1867,	Driver,	Fireman,	Knapp st.
Percival L. Lowell,	July 1, 1877,	Asst. Engineman,	Fireman,	Walnut st.
Frank R. Rametti,	Dec. 26, 1873,	Driver,	Fireman,	Medford st.
Peter J. Kelley,	Mar. 29, 1879,	Driver,	Fireman,	Fountain ave.
Fred S. Young,	Feb. 1, 1867,	Hoseman,	Water Dept.,	Oxford st.
Oscar J. Lingley,	April 5, 1860,	Hoseman,	Milkman,	Avon st.
Benjamin F. Johnson,	Nov. 20, 1864,	Hoseman,	R. R. Yard Man,	Medford st.
Sewall M. Rich,	Nov. 6, 1866,	Hoseman,	Merchant,	Medford st.
Joseph W. Mess,	Sept. 25, 1863,	Hoseman,	Merchant,	Chester ave.
Everett W. Bray,	Feb. 17, 1872,	Hoseman,	Prov. Clerk,	Alston st.

ENGINE COMPANY NO. 2.

Name.	Born.	Rank.	Occupation.	Residence.
Benjamin H. Pond,	Oct. 25, 1867,	Captain,	Fireman,	Columbus ave.
Lewis E. Seymour,	March 28, 1873,	{ Lieutenant, Driver,	Fireman,	New Cross st.
Clarence V. Cook,	Oct. 1, 1858,	Engineman,	Fireman,	Maple st.
Walter H. Young,	Dec. 25, 1869,	Asst. Engineman,	Fireman,	Fountain ave.
Robert Geaton,	Feb. 22, 1861,	Hoseman,	Painter,	Tennyson st.
Cornelius A. Doherty,	April 30, 1873,	Hoseman,	Milk Dealer,	Cross st.
Edward W. Burgess,	Aug. 3, 1859,	Hoseman,	Produce,	Otis st.
Frederick W. Kimball,	Aug. 11, 1866,	Hoseman,	Woodworker,	Everett ave.
Charles T. Garland,	Nov. 15, 1871,	Hoseman,	Coal Dealer,	Pearl st.
Charles M. Craig,	Nov. 4, 1878,	Hoseman,	Teamster,	Highland ave.
Robert F. Garland,	June 23, 1866,	Hoseman,	Laundryman,	Cross st.
David L. Stevens,	March 17, 1873,	Hoseman,	Blacksmith,	Broadway.

ENGINE COMPANY NO. 4.

Name.	Born.	Rank.	Occupation.	Residence.
John Gillooly,	June 9, 1856,	Captain,	Fireman,	Winslow ave.
Danforth S. Steele,	Sept. 9, 1850,	Lieutenant,	Foreman,	Leslie pl.
Lindorf D. Bixby,	Jan. 31, 1841,	Engineman,	Fireman,	Highland ave.
George H. Crosby,	Sept. 14, 1881,	Asst. Engineman,	Fireman,	Highland ave.
Robert W. Jesson,	May 10, 1873,	Driver,	Fireman,	Highland ave.
Charles F. Hathaway,	Feb. 11, 1876,	Driver,	Fireman,	Grove st.
John F. Berton,	Feb. 14, 1857,	Hoseman,	Painter,	Morrison ave.
James I. King,	March 30, 1865,	Hoseman,	Painter,	Elm ct.
Eugene H. Jones,	June 17, 1864,	Hoseman,	Lineman,	Morrison ave.
John B. Rufer,	March 16, 1864,	Hoseman,	Blacksmith,	Chandler st.
George H. Keay,	Sept. 23, 1868,	Hoseman,	Fish Dealer,	Ellington road.

HOSE COMPANY NO. 2.

NAME.	BORN.	RANK.	OCCUPATION.	RESIDENCE.
Francis W. Ring,	Aug. 7, 1854,	Captain,	Fireman,	Wheatland st.
Charles H. Timson,	May 27, 1859,	Lieutenant,	Fireman,	Marshall st.
Daniel R. Spike,	March 24, 1844,	Hoseman,	Cooper,	Marshall st.
Harry V. Spike,	Aug. 2, 1874,	Hoseman,	Clerk,	Grant st.
Frederick E. Cushing,	Dec. 20, 1845,	Hoseman,	Painter,	Marshall st.
Benjamin Marble,	May 1, 1870,	Hoseman,	Fish Dealer,	Sargent ave.
J. Walter Holmes,	Sept. 8, 1875,	Hoseman,	Victualler,	Temple st.
Charles P. Fowler,	May 24, 1879,	Hoseman,	Clerk,	Hamlet st.
Fred E. Knowles,	Jan. 27, 1878,	Hoseman,	Milk Dealer,	Melvin st.

HOSE COMPANY NO. 3.

NAME.	BORN.	RANK.	OCCUPATION.	RESIDENCE.
Henry J. Turner,	Feb. 24, 1865,	Captain,	Fireman,	Somerville ave.
Alfred R. Higgins,	Feb. 25, 1849,	Lieutenant,	Park Laborer,	Prospect st.
Joseph F. Green,	Aug. 9, 1878,	Driver,	Fireman,	Somerville ave.
Thomas W. Joy,	Feb. 22, 1856,	Hoseman,	Cooper,	Somerville ave.
Edward A. Parker,	Oct. 29, 1851,	Hoseman,	Park Laborer,	Prescott st.
Francis S. Brown,	Feb. 4, 1845,	Hoseman,	Locksmith,	Columbus ave.
Walter J. Green,	Oct. 25, 1868,	Hoseman,	Florist,	Somerville ave.
Charles M. Davis,	Dec. 5, 1878,	Hoseman,	Mason,	Washington st.
Thomas L. Deegan,	Oct. 15, 1877,	Hoseman,	Blacksmith,	Mystic st.
James F. Ward,	Feb. 26, 1879,	Hoseman,	Teamster,	Hillside park.
Charles J. McNamara,	Aug. 29, 1881,	Hoseman,	Blacksmith,	Washington st.

HOSE COMPANY NO. 5.

NAME.	BORN.	RANK.	OCCUPATION.	RESIDENCE.
Edwin F. Trefren,	March 28, 1858,	Captain,	Fireman,	Lowell st.
Harry F. Bucknam,	Sept. 21, 1872,	Lieutenant,	Fireman,	Highland ave.
William J. Blaisdell,	May 16, 1846,	Hoseman,	Painter,	Summer st.
Martin E. Driscoll,	Dec. 21, 1872,	Hoseman,	Patrol driver,	Miller st.
Horace L. Dunklee,	Dec. 12, 1854,	Hoseman,	Fireman,	Somerville ave.
George R. Green,	Feb. 27, 1866,	Hoseman,	Florist,	Somerville ave.
Albert F. McGrath,	July 14, 1877,	Hoseman,	Butcher,	Elm place.
Adam H. Gibby,	Sept. 2, 1874,	Hoseman,	Electrician,	Summer st.

HOSE AND CHEMICAL COMPANY NO. 6.

NAME.	BORN.	RANK.	OCCUPATION.	RESIDENCE.
Joseph A. Cribby,	Aug. 22, 1864,	Captain,	Fireman,	Newbury st.
Arthur M. Gilman,	Aug. 19, 1866,	Lieutenant,	Fireman,	College ave.
Elmer C. Shiere,	Apr. 29, 1878,	Driver,	Fireman,	Grove st.
Joseph A. Sander,	Apr. 28, 1868,	Fireman,	Fireman,	Grove st.
Charles H. Bridges,	Nov. 29, 1848,	Hoseman,	Machinist,	Westminster st.
Homer A. White,	July 27, 1865,	Hoseman,	Painter,	Newbury st.
William Stern,	Sept. 2, 1874,	Hoseman,	Paperhanger,	Newbury st.

HOSE AND CHEMICAL COMPANY NO. 7.

NAME.	BORN.	RANK.	OCCUPATION.	RESIDENCE.
George W. Bridges,	March 22, 1876,	Lieutenant,	Fireman,	Newbury st.
Arthur C. Sellon,	July 16, 1863,	Driver,	Fireman,	Hancock st.
George R. Dale,	June 22, 1871,	Hoseman,	Fireman,	Josephine ave.
Harry G. White,	June 14, 1870,	Hoseman,	Electrician,	Hudson st.
Charles W. Hughes,	March 26, 1876,	Hoseman,	Painter,	Highland ave.
Alfred M. Pride,	Apr. 6, 1879,	Hoseman,	Carpenter,	Hudson st.
Frederick L. Jensen,	July 2, 1872,	Hoseman,	Painter,	Highland ave.
William F. Wade,	Sept. 1, 1884,	Hoseman,	Laborer,	Highland ave.

CHEMICAL A.

NAME.	BORN.	RANK.	OCCUPATION.	RESIDENCE.
John T. Coneeny,	Nov. 2, 1876,	Lieutenant,	Fireman,	Ellsworth st.
Charles Spike,	Feb. 8, 1875,	Operator,	Fireman,	Grant st.
Frederick L. Jensen,	July 2, 1872,	Driver,	Fireman,	Highland Ave.

HOOK AND LADDER COMPANY NO. 1.

NAME.	BORN.	RANK.	OCCUPATION.	RESIDENCE.
Frank L. Draper	July 31, 1852,	Lieutenant,	Fireman,	Chester ave.
Herbert L. Webber,	Nov. 9, 1869,	Driver,	Fireman,	Columbus ave.
William A. McLane,	Jan. 7, 1860,	Ladderman,	Engineer,	Clark st.
Patrick J. Follon,	March 3, 1859,	Ladderman,	Laborer,	School st.
James D. Perkins,	Nov. 25, 1858,	Ladderman,	Paperhanger,	Bow st. pl.
James E. Thompson,	Sept. 1, 1869,	Ladderman,	Laborer,	Broadway pl.
John H. Ford,	July 16, 1859,	Ladderman,	Painter,	Oak st.
Frank H. Eaton,	Feb. 1, 1855,	Ladderman,	Laborer,	Prospect pl.
John H. Foy,	May 16, 1867,	Ladderman,	Painter,	Somerville ave.
Charles M. Davis,	Dec. 5, 1878,	Ladderman,	Mason,	Washington st.
George A. Row,	Jan. 19, 1867,	Ladderman,	Teamster,	Somerville ave.
Israel Y. Hall,	June 24, 1878,	Ladderman,	Laborer,	Homer sq.
George A. Copithorne,	Nov. 14, 1880,	Ladderman,	Clerk,	School st.
Joseph G. Haney,	Nov. 7, 1883,	Ladderman,	Clerk,	Fountain ave.

HOOK AND LADDER COMPANY NO. 2.

NAME.	BORN.	RANK.	OCCUPATION.	RESIDENCE.
Horace W. Hutchins,	Aug. 26, 1866,	Captain,	Fireman,	Hall st.
Charles E. Shaw,	Oct. 13, 1857,	Lieutenant,	Paperhanger,	Eastman rd.
George F. Bixby,	March 27, 1869,	Driver,	Fireman,	Highland ave.
John E. Hill,	Dec. 25, 1845,	Ladderman,	Salesman,	Cherry st.
Clarence T. Conant,	Dec. 10, 1868,	Ladderman,	Milkman,	Hudson st.
William J. Kennedy,	March 19, 1863,	Ladderman,	Plumber,	Woodbine st.
LeBaron Emery,	May 11, 1859,	Ladderman,	Painter,	Alpine st.
John H. Givan,	June 9, 1865,	Ladderman,	Grocer,	Highland ave.
Charles F. Mills,	Aug. 26, 1876,	Ladderman,	Carpenter,	Alpine st.
Joseph E. Emery,	Aug. 2, 1870,	Ladderman,	Painter,	Hudson st.
David B. Nixon,	March 4, 1869,	Ladderman,	Painter,	Hudson st.
James A. Butler,	Oct. 29, 1881,	Ladderman,	Clerk,	Lowell st.
George A. Givan,	Oct. 8, 1863,	Ladderman,	Clerk,	Eastman rd.
Walter H. Thomas,	Nov. 12, 1850,	Ladderman,	Janitor,	Highland ave.

Respectfully submitted,

JAMES R. HOPKINS,

Chief Engineer, Fire Department.

REPORT OF THE CHIEF OF POLICE.

OFFICE OF THE CHIEF OF POLICE,
January 1, 1908.

To the Honorable, the Mayor, and Board of Aldermen of the City of Somerville:—

Gentlemen,—I respectfully submit a report of the doings of the police department for the year ending December 31, 1907, with suggestions and recommendations for your consideration:

Arrests.

Whole number of arrests made		1,819
Americans	943	
Foreign born	876	
		1,819
Males	1,701	
Females	118	
		1,819
Residents	1,087	
Non-residents	732	
		1,819

of which 1,359 were confined in the lockup.

Arrests for crimes against good order as follows:—

Bastardy	7	
Contempt of court	5	
Cruelty to animals	2	
Disturbing the peace	35	
Drunkenness	909	
Keeping unlicensed dog	3	
Lewdness	7	
Neglected children	13	
Neglect to support family	32	
Peddling without license	2	
Stubbornness	8	
Vagrancy	18	
Violation of automobile laws	1	
Violation of city ordinances	106	
Violation of gaming laws	3	
Violation of health food laws	32	
Violation of liquor laws	6	
Violation of Lord's day	81	
Walking on railroad track	19	
		1,289

Crimes Against the Person.

Adultery	2	
Assault and battery	206	
Assault felonious	13	
Murder	2	
Threats	5	
		228

Crimes Against Property.

Attempt to commit arson	1	
Breaking and entering	48	
Evading railroad fare	6	
Fraud	1	
Larceny	112	
Malicious mischief	73	
Wilful trespass	20	
		261
		1,778

Miscellaneous Reports.

Buildings found open and secured	601
Defective streets reported	588
Obstructions in streets reported	69
Larcenies reported	285
Amount of property reported stolen	7,936
Water pipes reported leaking	81
Number of street light reports	4,289

Police Signal, Patrol Wagon, and Ambulance Service.

Number of on duty reports made by the patrolmen	231,293
Number of wagon runs	1,006
Number of prisoners conveyed to station	1,095
Number of miles run with wagon	1,633
Number of telephone calls	12,804
Number of ambulance calls	459

Suggestions and Recommendations.

I renew my recommendation of last year, to equip this department with an automobile, and I am more than ever satisfied that with such an addition a very much better record of arrests for crimes of an aggravated nature could be made by the department.

I am also satisfied of the need of a sub-police station in ward seven, as recommended last year, but if a combination gasoline automobile patrol wagon and ambulance similar to the one used by the city of Springfield (Mass.) police department can be installed in the service of this department and located in said ward, it would answer many of the calls and be a great relief to the teams now used until a station is erected.

I also recommend that the city provide a saddle horse and one motor-cycle for the use of this department, and also provide extra police officers to obtain information concerning the character and fitness or qualifications of any of the inhabitants for jury service for the registrars of voters as provided by Chapter 348, Acts of 1907.

Intoxicating Liquors and Licenses.

The pony express business, so-called, is a legalized cloak under which many violations of the law can be safely committed.

Chapter 517, Acts of 1907, makes it an offence for a common carrier to receive intoxicating liquors for distribution in no-

license cities or towns, unless they are regularly and lawfully conducting a general express business, but that does not apply to the authorities of this city except that of the propriety of granting a license for such purpose to persons not conducting a general express business on account of said Acts and Resolves.

In General.

The force has not been increased since April 21, 1906, nearly two years, and there is one vacancy since June 17, 1907.

Sergeant Eugene H. Gammon resigned June 17, Patrolman Harry L. Allen resigned March 27, and Ira S. Carleton was retired May 9.

There was one death; David J. Hanna died July 17. The new officers appointed were: Joseph A. Dwyer, Thomas P. Walsh, and Clyde W. Steeves.

In conclusion, I want to thank the Honorable Charles A. Grimmons, mayor, the board of aldermen, and the several heads of departments for support and encouragement given me in the discharge of the duties of my office, also, I thank more cheerfully than ever the officers, rank and file of my department for their valuable support and commendable performance of their duties.

In Memoriam

David J. Hanna,

Died July 17, 1907.

Official Roster of Department.

MELVILLE C. PARKHURST, Chief of Police.

Robert R. Perry, Captain.
Eugene A. Carter, Lieutenant.
Edward McGarr, Sergeant.
James M. Harmon, Sergeant.
Dennis Kelley, Lieutenant.
Charles E. Woodman, Lieutenant.
George H. Carleton, Sergeant.
Thomas Damery, Inspector.

PATROLMEN.

Allen, Charles W.
Arnold, Louis F.
Belzarini, Louis J.
Blair, Robert T.
Bolton, David A.
Burns, Samuel
Carter, Edward M.
Chisholm, Jotham
Crossman, Claude L.
Cummings, John J.
Dadmun, John A.
Davidson, William J.
Davies, Edward M.
Dodge, Ezra A.
Downey, Denis
Drew, Elmer E.
Fuller, Harvey R.
Gilson, Henry Y.
Goff, Ernest S.
Googins, Frederick H.
Gott, Myron S.
Graves, Frank H.
Heron, Theodore E.
Hilton, Herbert
Hopkins, Frank C.
Howard, Ernest
Howe, Hudson M.
Johnston, Charles S.
Johnston, William H.
Keane, Edmund J.
Kennedy, Michael T.
Lewis, Sanford S.
Lynch, James M.
McNamara, Thomas F.
Neylon, Denis
Perkins, Francis A.
Peters, George A. C.
Phillips, James E.
Pollard, James J.
Ray, John A.
Reed, Walter
Reick, Charles W.
Rice, George L.
Sharry, Martin
Simons, Daniel G.
Simons, Lemuel J.
Skinner, Jacob W.
Smith, George L.
Stevens, Charles W.
Sudbey, Henry A.
Sutherland, William J.
Woodsum, Eugene A.

RESERVE POLICE FORCE.

Burns, Joseph J.
Doolin, Patrick J.
Dwyer, Joseph A.
Groves, Walter L.
Hopkins, Edward J.
Jones, Frederick G.
Kenney, William G.
Mulqueeney, Dennis G.
Steeves, Clyde W.
Walsh, Thomas P.

Respectfully submitted,

MELVILLE C. PARKHURST,

Chief of Police.

REPORT OF SEALER OF WEIGHTS AND MEASURES.

OFFICE OF SEALER OF WEIGHTS AND MEASURES,
City Hall Annex, Somerville, January 3, 1908.

To His Honor, the Mayor, and the Board of Aldermen:—

The following report of the sealer of weights and measures for the year 1907 is respectfully submitted:—

Section 21, chapter 62, of the Revised Laws provides that sealers of weights and measures shall annually give public notice by advertisement, or by posting, in one or more public places in their respective cities and towns, notices to all inhabitants or persons having usual places of business therein who use weights, measures or balances for the purpose of selling goods, wares, merchandise or other commodities or for public weighing to bring in their weights, measures and balances to be adjusted and sealed. Such sealers shall attend in one or more convenient places, and shall adjust, seal and record all weights, measures and balances so brought in.

Section 34 of the same chapter provides that each sealer of weights and measures, including the county treasurers, shall receive a fee of one dollar for sealing each platform balance if weighing five thousand pounds or more, and fifty cents if weighing less than that amount, and three cents each for sealing all other weights, measures, scales, beams or balances. He shall also have a reasonable compensation for all necessary repairs, alterations and adjustments made by him.

Where weights, measures and balances are sealed as provided in Section 21 (that is, brought to the office), no fee is charged for sealing.

In compliance with the foregoing Section 21, the customary notice was given by advertising in the Somerville Journal and the Somerville Reporter in March, 1907.

During the year the sealer visited all places in the city where goods were bought or sold, tested all scales, weights and measures, sealed those which were found correct, and condemned all found beyond repair and useless.

One hundred and ninety-three scales, weights and measures were adjusted before sealing, twenty-three scales were tagged for repairs, nine of which were repaired as ordered, and the remaining fourteen put out of use.

Work done in weights and measures during the year 1907:—

	No. of Tests in the Office.	No. of Tests Outside of Office.	Total No. of Tests in and Outside of Office.
Number of scales sealed	263	1,219	
Number of weights sealed	198	3,899	
Number of dry measures sealed	502	1,098	
Number of tin liquid measures sealed	787	1,443	
Number of glass jars sealed	112,096		
Number of yard sticks sealed		134	
Number of coal baskets sealed	30		
Total number of all kinds sealed	113,876	7,793	121,669
Number of scales adjusted and sealed	45	96	
Number of weights adjusted and sealed	9	37	
Number of dry measures adjusted and sealed	2	1	
Number of liquid measures adjusted and sealed	3		
Total number adjusted and sealed	59	134	193
Number of scales tagged for repairs	14	9	
Number of scales repaired as ordered	8	1	
Total number tagged and repaired	22	10	32
Number of scales condemned	5	3	
Number of weights condemned	1	2	
Number of dry measures condemned	9	37	
Number of liquid measures condemned	1,811	12	
Number of yard sticks condemned		4	
Total number condemned	1,826	58	1,884
	115,783	7,995	
Total number tested in and out of office			123,778

Expenditures for year 1907:—

Telephone	$29 60	
Printing books and supplies	78 70	
Amount paid for team	270 00	
Amount paid for helper	286 00	
Salary of sealer	1,100 00	
Total expenditures		$1,764 30

Receipts for the year 1907:—

Appropriation	$1,300 00	
Received fees for sealing and adjusting	442 90	
		1,742 90
Deficiency		21 40
		$1,764 30

JOHN H. DUSSEAULT,
Sealer of Weights and Measures.

REPORT OF THE CITY SOLICITOR.

January 16, 1908.

To the Honorable, the Mayor, and Board of Aldermen of the City of Somerville:—

The following is my report as city solicitor for the year 1907:—

Abolition of Grade Crossings. The commission appointed by the superior court, consisting of George W. Wiggin, George F. Swain, and James D. Colt, have held several public hearings in the Tremont building, Boston, in regard to the abolition of the five grade crossings in this city of the Fitchburg division of the Boston & Maine railroad. At these hearings, persons representing the Fresh Pond Ice Company, the American Tube Works, and several other business interests along the line of the railroad were fully heard. The regular public hearings have been closed, and plans are in preparation under the direction of the commission. There is good reason to expect that the work of the commission will soon be finished.

Lowell-street Bridge. Actions brought in the supreme court by the railroad corporations, to determine the validity of the decrees made by the county commissioners, were set down for a hearing in January, 1908, and will go to the full bench of that court for adjudication.

Other Cases in Court. Three highway accident cases have been settled for $100, $350, and $650, respectively, with the approval of the mayor and the street commissioner.

In another highway accident case the plaintiff was nonsuited by agreement, and the case was disposed of without expense to the city.

A highway accident case for injuries received in Washington street by reason of a hole in snow and ice at a catch basin, whereby it was claimed an accident was caused, resulting in the death of the person injured, was tried before a jury of the superior court. The amount claimed was $5,000. A verdict was given against the city for $1,000. On the application of the city, the verdict was reduced by the court to $900, and then entirely set aside. The case was reported to the full bench of the supreme court and was argued in November. No decision has yet been given.

A petition in the superior court for the abatement of taxes was dismissed by agreement without costs.

An action brought for damages to property in Hall street, claimed to have been caused by the filling of a water course in an adjoining estate with ashes and other refuse by the board of

health, was argued last year before the full bench of the supreme court, after a verdict of a jury in the superior court for $400 against the city, and has been decided in favor of the city.

An action long pending in the superior court, brought by the commonwealth against the city for expenses incurred in the support of paupers settled in Somerville, was adjusted for $737.75, being much less than the amount claimed.

An action brought in the superior court by the city, against a drain layer on his bond, was settled for the full amount of the judgment and costs previously paid by the city.

An action brought against the city of Newton, for expenses incurred in the support of a pauper, was tried in the superior court, and judgment given in favor of the defendant. By agreement previously made with the city of Boston, full reimbursement was made to this city.

Alewife Brook Improvement. As the result of many hearings before legislative committees and the metropolitan park commission, the legislature passed an act, chapter 529 of the year 1907, for the purification of Alewife brook and adjacent drainage areas. The cost to the cities and towns concerned is not to exceed $125,000, and is to be apportioned according to the following percentages: Cambridge, 47; Arlington, 24; Belmont, 17; Somerville, 12.

Boston, Lowell, and Lawrence Electric Railroad Company. Hearings were given by the Massachusetts railroad commissioners on the petition of this company for a location between Lowell and Boston through Somerville. From information obtained at the hearings, it appeared that the company intended to erect a structure here which would be a detriment to property in its vicinity, and that the operation of the railroad would give the people of this city little in the way of facilities for travel. I joined in the opposition to the petition. The commission refused to grant the petitioner a certificate of location.

Very respectfully,

FRANK W. KAAN,

City Solicitor.

REPORT OF THE CITY CLERK.

OFFICE OF THE CITY CLERK,
January 1, 1908.

To the Honorable, the Mayor, and the Board of Aldermen:—

Gentlemen,—The following is respectfully submitted as the thirty-sixth annual report of the city clerk of the city of Somerville, and is for the year ending December 31, 1907:—

The receipts and payments were as follows:—

Receipts.

Balance from year 1906, being for dog licenses issued in December, 1906:—			
2 males at $2.00	$4 00		
2 females at $5.00	10 00		
		$14 00	
Less city clerk's fees paid to the city treasurer in December, 1906, 4 at $.20		80	
			$13 20
For dog licenses issued in 1907:—			
1,579 males at $2.00		$3,158 00	
294 females at $5.00		1,470 00	
84 spayed at $2.00		168 00	
5 breeders' licenses at $25.00		125 00	
			$4,921 00
Recording mortgages, assignments, etc., 755 papers		$455 50	
Certificates of marriage intentions, 835 at $.50, and 1 duplicate		418 00	
Furnishing copies of records		56 75	
Licenses:—			
To collect junk, 45 at $10.00	$450 00		
For junk shop, 1 at $25.00	25 00		
		475 00	
For billiard and pool tables and bowling alleys, 12 licenses for 33 tables and 6 alleys, at $2.00	$78 00		
fee for 1 table paid back on 1906 account	2 00		
		76 00	
To auctioneers, 27 at $2.00		54 00	
To sell fireworks, 43 at $1.00		43 00	
To keep intelligence offices, 5 at $2.00		10 00	
For amusements, 38 licenses for 90 performances, at $1.00		90 00	
To street musicians, 10 licenses for 20 persons, at $.50	$10 00		
Amounts carried forward		$1,678 25	$4,934 20

Amounts brought forward .		$1,678 25	$4,934 20
4 licenses for 8 persons refused but money not called for, at $.50 . .	4 00		
		14 00	
To slaughter, 7 at $1.00 . .	$7 00		
1 refused but money not called for, at $1.00 . .	1 00		
		8 00	
Repairing and sale of junk badges . .		1 75	
Sale of old ballots		2 00	
Recording and issuing liquor licenses, 35 at $1.00		35 00	
Permits to transport liquors, 23 at $1.00	$23 00		
14 refused, but money not called for . . .	14 00		
1 granted in 1906, issued and paid in 1907 . .	1 00		
	$38 00		
6 refused in 1906, paid back in 1907 . . .	6 00		
		32 00	
Interest on deposits		12 49	
			1,783 49
Total receipts			$6,717 69

Payments.

To Joseph O. Hayden, county treasurer, June 1 and December 1, receipts for dog licenses from December 1, 1906, to November 30, 1907, both inclusive:—			
1,579 males at $2.00		$3,158 00	
295 females at $5.00		1,475 00	
83 spayed at $2.00		166 00	
5 breeders' licenses at $25.00 . .		125 00	
		$4,924 00	
Less city clerk's fees, 1,962 at $.20 . .		392 40	
			$4,531 60
To the city treasurer, monthly:—			
City clerk's fees for issuing and recording dog licenses, 1,962 at $.20 . . .		$392 40	
All the receipts above specified, except for dog licenses		1,783 49	
			2,175 89
Total payments			$6,707 49
Balance January 1, 1908, being for dog licenses issued in December, 1907:—			
2 males at $2.00		$4 00	
1 female at $5.00		5 00	
1 spayed at $2.00		2 00	
		$11 00	
Less city clerk's fees paid to the city treasurer, 4 at $.20		80	
			$10 20

Licenses and Permits.

Besides the licenses mentioned in the foregoing list of receipts, licenses and permits have been granted by the board of aldermen and issued without charge, as follows:—

Amusements, Somerville High School Athletic Association, ball games (fees remitted)	24
Auctioneers (to veterans of the Civil War)	4
Innholders	3
Common victuallers	54
Common victuallers, transferred to new owners	4
Drain layers	8
Drain layers, bond not filed	2
Newsboys	91
Junk collectors, to cry calling in streets	45
To cry goods in streets	39
To cry aloud in streets to announce calling:—	
Umbrella menders	2
Umbrella mender and locksmith	1
To ring bell in streets:—	
Ice cream venders	5
Scissors sharpeners	8
To set up and use engines:—	
Electric motors, 12 licenses for 17 motors	17
Gas engines	10
Steam engines	3
To erect or use buildings for gasoline	6
To blast rock or stone	3
To maintain projections over sidewalks:—	
Awnings	7
Banner	1
Barber's pole	1
Bay windows	2
Electric lights	2
Flag and flag pole	1
Signs	18
To set and maintain hitching post	1
To erect guy post and cable	1
To lay pipe under sidewalk	1
To move buildings through streets	3
To Salvation Army to parade, sing, and play on musical instruments in streets	2
To hold open-air meetings	1
For children to take part in entertainment	1
To keep lying-in hospital	1

Gas and Pole Locations.

The Cambridge Gas Light Company and the Charlestown Gas and Electric Company have been granted permission to lay gas mains in sundry streets.

Permission has also been given the New England Telephone and Telegraph Company of Massachusetts and the Edison Electric Illuminating Company of Boston to erect poles for the support of wires in various streets.

In every case of such permission to use the streets, a suitable agreement for the protection of the interests of the city must be filed with the city clerk before the order can become operative.

Births.

Number of births reported by physicians and midwives for 1907:—

Males	860
Females	770

A canvass of the city is at present being made under the direction of the city clerk, as required by section 5, chapter 29, of the Revised Laws, to ascertain the facts required for record relative to all children born therein during the year.

As the information derived from such canvass will not be available in time sufficient for its incorporation in this report, a statement in full of the births of 1907 will be given in the city clerk's report for the year 1908.

Marriages.

Number of intention certificates issued in 1907		835
Less than previous year		14
Marriages registered		890
Less than previous year		6
Both parties American	470	
Both parties foreign	208	
American groom and foreign bride	118	
Foreign groom and American bride	94	
		890 couples
First marriage of	1,595	
Second marriage of	178	
Third marriage of	7	
		890 couples

Deaths.

(Exclusive of still-births.)

Number of deaths in Somerville in 1907		997
Less than previous year		7
Males	455	
Females	542	
		997
Under ten years of age	238	
10 and under 20 years of age	31	
20 and under 30 years of age	66	
30 and under 40 years of age	55	
40 and under 50 years of age	75	
50 and under 60 years of age	111	
60 and under 70 years of age	152	
70 and under 80 years of age	165	
80 and under 90 years of age	90	
90 years of age and over	14	
		997
Age of oldest person deceased	100 yrs. 9 mos. 4 dys.	
Born in Somerville	233	
Born in other places in the United States	417	
Of foreign birth	338	
Birthplace unknown	9	
		997

Number	of	deaths	in	January	95
"	"	"	"	February	74
"	"	"	"	March	103
"	"	"	"	April	75
"	"	"	"	May	72
"	"	"	"	June	72
"	"	"	"	July	63
"	"	"	"	August	69
"	"	"	"	September	65
"	"	"	"	October	92
"	"	"	"	November	86
"	"	"	"	December	131
					997

The number of still-births recorded during the year was seventy-five. In addition to the above, 164 deaths which occurred elsewhere were recorded in Somerville, almost the entire number of persons deceased having been residents of this city.

Voting Precincts.

In my report of last year, I called attention to the fact that precinct two of ward seven had nearly reached the legal limit of 1,000 voters. By an order of the board of aldermen approved March 15, 1907, this precinct was divided into two precincts by a line beginning at the Cambridge line, and following the middle line of Cameron avenue in a northeasterly direction to Holland street, and thence in the same general direction across Holland street, through the proposed street, across land of the city of Somerville known as the Holland-street ledge, to Broadway, across Broadway, and following the middle line of Packard avenue to the Medford line.

The southerly of these two new precincts is numbered two, and the northerly three. A room in the Hodgkins schoolhouse on Holland street is used for the polling place for precinct two, and a room in the Lincoln schoolhouse on Broadway for precinct three.

Precinct one of ward five has at present the largest number of registered voters of any precinct in the city, there being 863 names on the list at the close of registration November 20, 1907.

When a re-division of the ward is made, it would seem advisable to rearrange the existing precinct lines so that the number of precincts would remain unchanged and the number of voters in each precinct be more nearly the same.

It does not appear necessary, however, to make any change in this precinct the present year.

Assessed Polls and Registered Voters.

MEN'S LISTS.

Ward.	Precinct.	Assessed Polls, May 1, 1907.	Registered Voters.							
			Nov. 21, 1906.	Revised Lists of Aug. 1, 1907.	Added in Sept. and Oct., 1907.	Oct. 16, 1907.	Added in Nov., 1907.	Nov. 20, 1907.	Voted Nov. 5, 1907.	Voted Dec. 10, 1907.
Ward 1	Precinct 1	1,303	733	634	56	690	..	690	410	432
" 1	" 2	534	350	295	17	312	..	312	205	217
" 1	" 3	539	362	296	12	308	6	314	202	250
" 1	" 4	667	389	341	3	344	3	347	205	280
		3,043	1,834	1,566	88	1,654	9	1,663	1,022	1,179
Ward 2	Precinct 1	1,269	415	370	14	384	9	393	236	226
" 2	" 2	1,390	558	495	43	538	15	553	356	344
" 2	" 3	855	399	362	—1	361	10	371	206	213
		3,514	1,372	1,227	56	1,283	34	1,317	798	783
Ward 3	Precinct 1	990	671	628	41	669	54	723	476	416
" 3	" 2	1,204	760	698	32	730	54	784	521	471
		2,194	1,431	1,326	73	1,399	108	1,507	997	887
Ward 4	Precinct 1	1,287	792	732	31	763	4	767	511	458
" 4	" 2	913	566	520	34	554	4	558	413	336
		2,200	1,358	1,252	65	1,317	8	1,325	924	794
Ward 5	Precinct 1	1,328	836	785	74	859	4	863	663	505
" 5	" 2	694	409	374	32	406	4	410	282	220
" 5	" 3	890	514	466	22	488	8	496	336	276
		2,912	1,759	1,625	128	1,753	16	1,769	1,281	1,001
Ward 6	Precinct 1	1,521	870	778	57	835	4	839	554	413
" 6	" 2	1,204	667	590	102	692	—1	691	498	378
" 6	" 3	1,007	569	527	115	642	2	644	472	330
		3,732	2,106	1,895	274	2,169	5	2,174	1,524	1,121
Ward 7	Precinct 1	1,414	747	714	81	795	10	805	558	443
" 7	" 2	880	964	451	28	479	7	486	349	292
" 7	" 3	946	...	446	59	505	7	512	362	285
		3,240	1,711	1,611	168	1,779	24	1,803	1,269	1,020
City		20,835	11,571	10,502	852	11,354	204	11,558	7,815	6,785

WOMEN'S VOTING LISTS.

Ward.	Precinct.	Nov. 21, 1906.	Revised Lists of Aug. 1, 1907.	Added in Sept. and Oct., 1907.	October 16, 1907.	Added in Nov., 1907.	Nov. 20, 1907.	Voted December 10, 1907.
Ward 1	Precinct 1	23	23	..	23	..	23	3
" 1	" 2	6	3	..	3	..	3	..
" 1	" 3	12	11	..	11	..	11	..
" 1	" 4	30	29	..	29	..	29	..
		71	66	..	66	.	66	3
Ward 2	Precinct 1	4	4	..	4	..	4	..
" 2	" 2	5	5	..	5	..	5	..
" 2	" 3	1	1	..	1	..	1	..
		10	10	..	10	..	10	..
Ward 3	Precinct 1	30	25	..	25	..	25	3
" 3	" 2	55	45	..	45	..	45	4
		85	70	..	70	..	70	7
Ward 4	Precinct 1	17	16	..	16	1	17	3
" 4	" 2	19	19	..	19	..	19	1
		36	35	..	35	1	36	4
Ward 5	Precinct 1	37	36	..	36	1	37	4
" 5	" 2	9	8	..	8	..	8	..
" 5	" 3	11	10	..	10	1	11	..
		57	54	..	54	2	56	4
Ward 6	Precinct 1	37	35	..	35	..	35	1
" 6	" 2	18	16	..	16	..	16	..
" 6	" 3	5	3	..	3	..	3	..
		60	54	..	54	..	54	1
Ward 7	Precinct 1	87	82	..	82	2	84	14
" 7	" 2	134	66	..	66	1	67	5
" 7	" 3	...	44	..	44	..	44	..
		221	192	..	192	3	195	19
City		540	481	..	481	6	487	38

Elections.

The following is a statement of the votes cast, in the several wards of the city, for the candidates for the various offices, at the state election held November 5, 1907:—

Candidate.	Party.	Wards. 1	2	3	4	5	6	7	Total.
GOVERNOR.									
Charles W. Bartlett,	Anti-Merger,	26	56	9	12	26	15	18	162
Thomas F. Brennan,	Socialist Labor,	5	7	1	1	2	8	3	27
John W. Brown,	Socialist,	12	13	8	15	17	26	16	107
Hervey S. Cowell,	Prohibition,	39	..	9	6	8	11	13	86
Curtis Guild, Jr.,	Republican,	502	262	679	646	825	959	878	4,751
Thomas L. Hisgen,	Ind. League,	237	227	149	143	235	291	215	1,497
Henry M. Whitney,	Democratic,	151	173	102	69	112	156	74	837
Henry M. Whitney,	Ind. Citizens,	11	8	10	14	18	21	11	93
Henry M. Whitney,	Dem. Citizens Nom. Paper,	11	16	6	6	14	14	5	72
Henry M. Whitney,		5	13	1	1	3	4	1	28
Blank,		23	23	23	11	21	19	35	155
LIEUTENANT-GOVERNOR.									
E. Gerry Brown,	Independ. League,	281	283	171	181	276	342	246	1,780
John T. Cahill,	Anti-Merger,	18	17	6	10	15	9	4	79
Eben S. Draper,	Republican,	483	206	642	599	761	878	857	4,426
Walter J. Hoar,	Socialist Labor,	7	12	3	2	5	10	8	47
Robert Lawrance,	Socialist,	13	11	9	17	15	26	15	106
Jonathan S. Lewis,	Prohibition,	4	2	12	11	16	24	24	93
George A. Schofield,	Dem. Cit. Nom. Paper, Democratic,	172	216	121	76	147	175	87	994
Rosie Aylward,		....	....	....	...	....	1	...	1
Blank,		44	51	33	28	46	59	28	289
SECRETARY.									
Solon W. Bingham,	Prohibition,	9	6	11	12	18	20	21	97
Odilon Z. E. Charest,	Dem. Cit. Nom. Paper, Democratic,	176	227	80	55	111	139	49	837
John Hall, Jr.,	Socialist,	22	15	15	27	24	32	21	156
William M. Olin,	Republican,	569	251	747	712	895	1,053	999	5,226
Arthur E. Reimer,	Socialist Labor,	4	15	10	8	3	13	10	63
Dennis J. Ring,	Ind. League,	162	170	80	64	147	179	107	909
Blank,		80	114	54	46	83	88	62	527
TREASURER AND RECEIVER-GENERAL.									
Albert Barnes,	Socialist Labor,	5	13	....	7	3	13	9	50
Edward J. Cantwell,	Ind. League,	152	137	86	80	145	169	111	880
Arthur B. Chapin,	Republican,	562	248	741	692	893	1,032	1,000	5,168
William P. Connery,	Anti-Merger,	5	19	10	5	7	9	3	58
Daniel F. Doherty,	Dem. Cit. Nom. Paper, Democratic,	183	251	88	55	122	148	46	893
Charles E. Hitchcock,	Socialist,	16	13	12	19	19	28	19	126
Edward Kendall,	Prohibition,	7	9	17	9	12	26	20	100
Blank,		92	108	43	57	80	99	61	540

Candidate.	Party.	Wards. 1	2	3	4	5	6	7	Total.
AUDITOR.									
Joao Claudino,	Socialist Labor,	5	10	....	7	2	11	6	41
Joseph A. Conry,	Dem. Cit. Nom. Paper, Democratic,	182	258	89	68	123	135	59	914
Thomas E. Finnerty,	Ind. League,	145	159	84	67	133	165	87	840
George G. Hall,	Socialist,	20	12	16	20	27	31	27	153
James F. Pease,	Prohibition,	17	3	13	22	21	22	21	119
Henry E. Turner,	Republican,	549	239	729	668	870	1,032	986	5,073
Blank,		104	117	66	72	105	128	83	675
ATTORNEY-GENERAL.									
Allen Coffin,	Prohibition,	40	9	13	27	20	30	27	166
Dana Malone,	Republican,	507	246	713	658	864	987	950	4,925
John McCarty,	Socialist,	20	18	13	17	20	32	18	138
James E. McConnell,	Democratic,	200	274	97	63	135	150	61	980
William N. Osgood,	Ind. League,	160	143	107	94	156	198	130	988
Harvey H. Pratt,	Anti-Merger,	13	7	2	5	8	13	5	53
Gilbert G. Smith,	Socialist Labor,	4	9	4	1	4	8	4	34
Blank,		78	92	48	59	74	106	74	531
COUNCILLOR.									
Amos L. Betts,	Prohibition,	26	10	29	29	38	37	52	221
Walter S. Glidden,	Republican,	623	315	726	649	873	1,063	898	5,147
Thomas Hooper,	Ind. League,	231	256	142	153	247	267	184	1,480
Blank,		142	217	100	93	123	157	135	967
SENATOR.									
George E. Gookin, 2nd,	Ind. League,	302	311	163	146	267	315	217	1,721
Elmer A. Stevens,	Republican,	568	259	723	686	881	1,036	967	5,120
John P. Quinland,		....	....	....	....	....	1	....	1
Blank,		152	228	111	92	133	172	85	973
REPRESENTATIVES, 25TH DIST. (3)									
William E. Dunning,	Ind. League,	277	....	152	140	251	....	....	820
Sidney B. Keene,	Republican,	524	....	701	626	788	....	....	2,639
Robert Luce,	Republican,	584	....	775	659	882	....	....	2,900
Edwin H Marks,	Ind. League,	223	....	125	100	197	....	....	645
Charles L. Underhill,	Republican,	515	....	698	611	814	....	....	2,638
John Diggins,		1	....	....	....	....	....	....	1
Frederick White,		....	....	1	....	....	....	....	1
Albion A. Perry,		....	....	....	....	1	....	....	1
Blank,		942	....	539	636	910	....	....	3,027
REPRESENTATIVES, 26TH DIST. (3)									
Charles V. Blanchard,	Republican,	....	274	....	....	....	1,030	968	2,272
Charles E. Butterworth,	Ind. League,	....	246	....	....	....	300	198	744
Wilbur S. Porter,	Ind. League,	....	241	....	....	....	272	186	699
William H. Smith,	Republican,	....	363	....	....	....	1,012	883	2,258
William L. Waugh,	Republican,	....	237	....	....	....	920	865	2,022
Caleb A. Page.		....	1	....	....	....	....	....	1
Ned Ryan,		....	....	....	....	....	1	....	1
Willie J. Claig,		....	....	....	....	....	1	....	1
Blank,		....	1,032	....	....	....	1,036	707	2,775

Candidate.	Party.	Wards. 1	2	3	4	5	6	7	Total.
COUNTY COMMISSIONER.									
Francis Bigelow,	Republican,	504	233	676	615	811	941	916	4,696
George A. DeLord,	Democratic,	164	221	80	48	114	107	46	780
Austin B. Robbins,	Prohibition,	8	6	16	18	17	31	29	125
George W. C. Smith,	Ind. League,	220	193	138	146	211	270	174	1,352
Blank,		126	145	87	97	128	175	104	862
ASSOCIATE COMMISSIONERS. (2)									
James H. Christie,	Ind. League,	259	243	128	110	209	239	167	1,355
George B. Glidden,	Ind. League,	237	253	136	119	216	245	168	1,374
Matthew H. Quick,	Prohibition,	32	19	41	28	35	51	42	248
David T. Strange,	Republican,	472	215	652	598	755	855	820	4,367
Edward Everett Thompson,	Republican,	448	211	639	564	733	873	785	4,253
Charles A. Ward,	Prohibition,	22	14	26	39	36	72	54	263
Blank,		574	641	372	390	578	713	502	3,770
DISTRICT ATTORNEY.									
John J. Higgins,	Ind. League, Republican,	738	394	827	772	1,042	1,216	1,109	6,098
John J. McClure, Jr.,	Democratic,	194	286	107	71	148	165	64	1,035
John B. Moran,		....	....	....	....	....	1	....	1
J. B. Moran,		1	....	....	....	....	....	....	1
Blank,		89	118	63	81	91	142	96	680
SHERIFF.									
John R. Fairbairn,	Republican,	661	329	780	742	940	1,151	1,082	5,685
Albion A. Weeks,	Prohibition,	26	12	28	32	71	39	36	244
George W. Wilkins,	Democratic,	215	298	99	59	142	169	61	1,043
Seavey,		....	....	....	....	1	....	....	1
Blank,		120	159	90	91	127	165	90	842
SHALL THE PROPOSED AMENDMENT TO THE CONSTITUTION AUTHORIZING THE GOVERNOR, WITH THE CONSENT OF THE COUNCIL, TO REMOVE JUSTICES OF THE PEACE AND NOTARIES PUBLIC BE APPROVED AND RATIFIED?									
Number of "Yes" votes,		556	400	606	541	767	900	775	4,545
Number of "No" votes,		133	122	112	108	141	188	138	942
Blank,		333	276	279	275	373	436	356	2,328

The following is a statement of the votes cast in the several wards of the city, for the candidates for the various offices, and on the question of granting liquor licenses, at the city election held December 10, 1907:—

Candidate.	Party.	Wards. 1	2	3	4	5	6	7	Total.
MAYOR.									
John F. Foster,	Republican Ind. Nom. Paper, Ind. League,	193	164	198	127	225	296	388	1,591
Charles A. Grimmons,	Republican,	641	219	590	604	699	702	592	4,047
John H. O'Neil,	Democratic,	307	386	76	51	69	108	34	1,031
Jessie S. Newcomb,		....	....	....	....	1	....	....	1
Blank,		38	14	23	12	7	15	6	115
ALDERMAN-AT-LARGE, WARD 1.									
George A. Lord,	Republican,	729	268	659	649	789	824	799	4,717
Neil O'Donnell,		....	....	1	....	....	....	....	1
Blank,		450	515	227	145	212	297	221	2,067
ALDERMAN-AT-LARGE, WARD 2.									
David Berglind,	Republican,	617	417	637	603	773	799	768	4,614
W. C. Daggett,		....	....	1	....	.. .	....	....	1
Warren C. Daggett,		....	2	....	....	....	....	....	2
Blank,		562	364	249	191	228	322	252	2,168
ALDERMAN-AT-LARGE, WARD 3.									
Leonard W. Cole,	Republican,	634	351	705	590	722	757	695	4,454
Edwin H. Marks,	Ind. League,	156	129	107	77	130	164	144	907
Seth Mason,		....	....	1	....	....	....	....	1
William Armstrong,		....	....	1	....	....	....	....	1
Blank,		389	303	73	127	149	200	181	1,422
ALDERMAN-AT-LARGE, WARD 4.									
William E. Dunning,	Ind. League, Democratic,	271	286	121	106	161	189	119	1,253
George W. Harvey,	Republican,	557	191	586	599	690	718	710	4,051
Blank,		351	306	180	89	150	214	191	1,481
ALDERMAN-AT-LARGE, WARD 5.									
J. Frank Mixer,	Republican,	604	267	635	615	843	793	749	4,506
John Kilmartin,		....	....	....	....	1	....	....	1
Charles F. Maguire,		....	....	....	....	1	....	....	1
Blank,		575	516	252	179	156	328	271	2,277
ALDERMAN-AT-LARGE, WARD 6.									
Henry A. Diehl,	Ind. League,	101	95	78	55	149	146	107	731
Richard Y. Good,	Republican,	534	178	574	572	632	763	694	3,947
Robert W. Houley,	Democratic,	228	280	81	50	92	119	35	885
Blank,		316	230	154	117	128	93	184	1,222
ALDERMAN-AT-LARGE, WARD 7.									
Andrew J. H. Bickford,	Ind. League,	176	156	100	82	141	153	159	967
Edward H. Kingman,	Republican,	519	192	580	556	684	715	739	3,985
George T. Rand,		....	....	....	....	....	....	1	1
Blank,		484	435	207	156	176	253	121	1,832

Candidate.	Party.	Wards. 1	2	3	4	5	6	7	Total.
WARD ALDERMEN (2) WARD 1.									
John Diggins,	Ind. Citizen, Democratic,	632	....	....	....	....	....	....	632
James D. Hayden,	Republican,	598	....	....	....	....	....	....	598
Leslie E. A. Smith,	Republican,	530	....	....	....	....	....	....	530
Blank,		598	...	....	....	....	....	....	598
WARD ALDERMEN (2) WARD 2.									
Albert H. Bassett,	Republican,	....	179	....	....	....	....	....	179
Joseph A. Haley,	Democratic,	....	466	....	....	....	....	....	466
Philip Koen,	Democratic,	....	483	....	....	....	....	....	483
Edward F. Sherman,	Republican,	....	173	....	....	....	....	....	173
Blank,		....	265	....	....	....	....	....	265
WARD ALDERMEN (2) WARD 3.									
William E. Copithorne,	Republican,	....	....	700	....	....	....	....	700
Clarence A. Smith,	Republican,	....	....	650	....	....	....	....	650
Blank,		....	....	424	....	....	....	....	424
WARD ALDERMEN (2) WARD 4.									
Samuel Barnett,	Democratic,	....	....	....	61	....	....	....	61
Ray R. Rideout,	Republican,	....	....	....	561	....	....	.. .	561
William Scott,	Democratic,	....	....	....	64	....	....	....	64
Amos W. Shepard,	Republican,	....	....	....	578	....	....	....	578
Herbert W. Snow,	Ind. League,	....	....	...	93	....	....	....	93
Blank,		....	....	....	231	....	....	....	231
WARD ALDERMEN (2) WARD 5.									
Charles A. Burns,	Republican,	....	....	....	....	732	....	....	732
Alphonso A. Wyman,	Republican,	....	....	....	....	690	....	....	690
F. Q. Harrington,		....	....	....	....	1	....	....	1
Thomas F. McCormack,		....	...	....	....	1	....	....	1
John P. Burke,		....	....	....	....	1	....	....	1
Blank,		....	....	....	....	577	....	....	577
WARD ALDERMEN (2) WARD 6.									
Charles W. Eldridge,	Republican,	....	....	....	....	....	778	....	778
James W. Garside,	Ind. League,	....	....	....	....	....	114	....	114
Bernard J. Sheridan,	Democratic,	....	....	....	....	....	156	....	156
Stephen E. Simmons,	Ind. League,	....	....	....	....	....	111	....	111
Edgar A. Smith,	Republican,	....	....	....	....	....	728	....	728
Edward W. Wetherbee,	Democratic,	....	....	....	....	....	109	....	109
Blank,		....	....	....	....	....	246	....	246
WARD ALDERMEN (2) WARD 7.									
Robert M. Lavender,	Republican,	....	....	....	....	....	....	729	729
Jesse E Perry,	Republican,	....	....	....	....	....	....	728	728
John Winfield Scott,	Ind. League,	....	....	....	....	....	....	154	154
William Weir,	Ind. League,	....	....	....	....	....	....	128	128
Blank,		....	....	....	....	....	....	301	301
SCHOOL COMMITTEE (2 yrs.) WARD 1.									
Henry F. Curtis,	Republican,	751	....	....	....	....	....	....	751
Blank,		431	....	....	....	....	....	....	431
SCHOOL COMMITTEE (2 yrs.) WARD 2.									
Daniel H. Bradley,	Democratic,	....	481	....	....	....	....	....	481
Fred E. Brown,	Republican,	....	203	....	....	....	....	....	203
Blank,		....	99	....	....	....	....	....	99

Candidate.	Party.	Wards. 1	2	3	4	5	6	7	Total.
SCHOOL COMMITTEE (2 yrs.) WARD 3.									
George E. Whitaker,	Republican,	....	....	703	....	....	....	....	703
Frederick A. Higgins,		....	....	1	....	....	....	....	1
M. W. White,		....	....	1	....	....	....	....	1
Blank,		....	....	189	....	....	....	....	189
SCHOOL COMMITTEE (2 yrs.) WARD 4.									
Charles A. Kirkpatrick, Jr.,	Republican,	....	....	....	620	....	....	....	620
Harry Tobin,	Democratic,	....	....	....	84	....	....	....	84
Blank,		...	....	....	94	....	....	....	94
SCHOOL COMMITTEE (2 yrs.) WARD 5.									
Henry H. Folsom,	Republican,	....	....	....	....	808	....	....	808
Patrick H. Ryan,		....	....	....	.. .	1	....	....	1
James H. Maguire,		....	....	....	....	1	....	....	1
Blank,		....	....	....	....	195	....	....	195
SCHOOL COMMITTEE (2 yrs.) WARD 6.									
Frederick A. P. Fiske,	Republican,	....	....	....	....	....	834	...	834
Joseph J. Henderson,	Democratic,	....	....	....	....	....	171	....	171
Blank,		....	....	....	....	....	117	....	117
SCHOOL COMMITTEE (2 yrs.) WARD 7.									
George C. Mahoney,	Republican,	....	....	...	....	....	....	900	900
Blank,		....	....	....	....	....	....	139	139
SHALL LIQUOR LICENSES BE GRANTED?									
Number of "Yes" votes,		393	445	203	97	200	225	172	1,735
Number of "No" votes,		660	263	628	653	765	824	798	4,591
Blank,		126	75	56	44	36	72	50	459

Liquor License Question.

The following is a statement of the votes, during the several years of its submission to the people, on the question of granting licenses for the sale of intoxicating liquors in this city, together with the number of registered voters and the estimated population for each year:—

Year.	Yes.	No.	Blank.	Registered Voters.	Estimated Population.
1881	979	1,222		3,678	26,000
1882	627	1,159		3,778	26,500
1883	767	1,343		4 407	27,000
1884	806	1,709		4,470	28,000
1885	428	1,604		3,969	*29,992
1886	214	1,321		4,089	32,000
1887	555	2,427		4,574	34,000
1888	744	2,456		5,399	36,000
1889	635	1,706	335	5,286	39,000
1890	999	2,282	409	5,556	*40,117
1891	1,054	2,598	279	5,938	43,000
1892	1,427	3,288	347	7,587	46,000
1893	1,547	2,654	218	7,943	48,000
1894	1,098	2,869	246	8,007	50,000
1895	1,854	4,708	459	8,410	*52.200
1896	1,466	3,680	332	9,379	54,000
1897	1,626	3,815	486	8,925	56,000
1898	1,595	3,501	486	8,657	57,500
1899	1,892	3,340	374	8,838	60,000
1900	1,660	3,427	321	9,620	*61,643
1901	1,579	3,295	374	9,499	63,500
1902	1,645	3,242	360	10,100	65,000
1903	2,248	4,410	550	11,346	67,000
1904	2,022	4,338	447	11,682	69,500
1905	2,483	4,660	531	11,340	*69,272
1906	2,193	5,204	582	11,571	70,000
1907	1,735	4,591	459	11,558	74,000

* Census.

Somerville, January 1, 1908.

The following ordinances have been adopted since the printing of the annual reports for the year 1906:—

No. 63.

Be it ordained by the Board of Aldermen of the City of Somerville, as follows:—

Section 1. Section one of chapter six of the Revised Ordinances of 1900 is hereby amended by inserting the word seven after the word hundred in the fifth line, and inserting the word first in place of the word fifteenth in the sixth line, so that the section as amended shall read as follows:—

Section 1. All taxes shall be payable on or before the thirty-first day of October of each year, and interest at the rate of six per centum per annum shall be charged from said thirty-first day of October upon all taxes assessed for the year nineteen hundred seven and subsequent years, which shall remain unpaid on the first day of November next ensuing, until the same shall be paid; and all taxes remaining unpaid on the first day of December next ensuing, the collector shall proceed to collect by due process of law.

Section 2. This ordinance shall take effect upon its passage.

Approved May 10, 1907.

No. 64.

An Ordinance to Regulate the Rate of Speed of Automobiles or Motor Cycles.

Be it ordained by the Board of Aldermen of the City of Somerville, as follows:—

Section 1. No person shall permit or cause an automobile or motor cycle to go at a greater rate of speed than eight miles an hour on any portion of Medford street, from Washington street to Cross street, and of Cross street in this city.

Section 2. Any person violating the provision of this ordinance shall be liable to a penalty of not more than twenty dollars for each offence.

Section 3. This ordinance shall take effect upon its passage, and shall be effective upon publication in any newspaper published in this city.

Approved May 10, 1907.

No. 65.

An Ordinance to Amend Section 7 of Chapter 22 of the Revised Ordinances of 1900 as Amended by an Ordinance Approved May 23, 1902, Entitled "Electric Wires."

Be it ordained by the Board of Aldermen of the City of Somerville, as follows:—

Section 1. Section seven of chapter twenty-two of the Revised Ordinances of 1900 as amended by an ordinance approved May 23, 1902, is hereby amended by adding thereto the following words:—

The poles shall be kept well painted, of a uniform color, and in good condition to the satisfaction of said commissioner. The name of the owner, with a special number for each pole and owner, shall be distinctly painted in white letters upon a dark background on every pole, about

seven feet from the ground, or the owners of the pole and all other persons and corporatons having authority to attach wires, cross bars or other things thereto, shall be otherwise designated thereon by words or figures to the satisfaction of said commissioner.

Section 2. This ordinance shall take effect upon its passage.

Approved November 15, 1907.

No. 66.

An Ordinance Regulating the Use of Streets by Vehicles.

Be it ordained by the Board of Aldermen of the City of Somerville, as follows:—

Section 1. Every vehicle, except street railway cars, bicycles, and tricycles, which shall be used within the city of Somerville for the conveyance of persons or goods of any description for hire from place to place within the city, before being so used, shall be licensed by the board of aldermen, and every vehicle so used for the conveyance of goods shall have placed upon the outside and upon each side of the same the name of the owner and the number of the license in plain, legible letters and figures of not less than one and one-half inches in size, and so that the same may be distinctly seen.

Section 2. Upon each side of each hackney carriage so licensed there shall be fitted a lamp, which lamp shall always be kept lighted at night when the carriage is in use or waiting for passengers, and upon the glass covering of each of said lamps there shall be painted in black the number of the license in Arabic characters not less than one inch in size, and such numbers shall be preceded by the letter "S," not less than one inch in size.

Section 3. Every hackney carriage shall carry its license so that it shall be easily accessible to passengers.

Section 4. No person shall set up or use or have charge of any hackney carriage which shall be used within the city of Somerville for the conveyance of persons for hire from place to place within the city, unless he is licensed thereto by the board of aldermen, nor unless the carriage is licensed, marked, and numbered as provided in sections one and two, and carries its license as provided for in section three.

Section 5. No person having charge of a hackney carriage shall solicit passengers, except by a motion of the hand, unless he is on or within ten feet of such vehicle.

Section 6. No person having charge of a hackney carriage shall solicit passengers in any public way or place within the city, unless he is licensed by the board of aldermen.

Section 7. The board of aldermen reserves the right to revoke any license at its discretion. If any person other than the owner or lessee shall take out a license for any such vehicle, he shall be liable to have his license revoked, and if any licensee shall cease to be an owner or lessee, his license shall be null and void, and he shall immediately surrender the same to the board of aldermen.

Section 8. The city clerk shall receive for the use of the city the fee of one dollar for every license so granted and for every license granted for a wagon stand, and shall keep a record of the same and of all licenses granted.

Section 9. Each license so granted shall expire on the first day of May next after the date thereof, and no license shall be sold, assigned, or transferred without the consent of the board of aldermen.

Section 10. No vehicle shall be set up in front of any premises without the written consent of the owner or the agent of the owner and the occupant of said premises.

Section 11. The person in whose name the license is taken out for any such vehicle shall for all the purposes of this rule be considered as the owner of the same, and liable to all the forfeitures and penalties

herein contained, unless, upon the sale of such vehicle, written notice be given to the city clerk and the license returned to him forthwith.

Section 12. No owner, driver, or other person having charge of any such vehicle shall suffer the same when attached to a horse to stop in a street without some proper person to take care of the same, unless said horse is properly and securely fastened; but no person shall be deemed to have violated this provision who is a physician visiting the sick or who is delivering goods or taking orders at any house, store, building, or tenement.

Section 13. No person having charge of any hackney carriage shall receive or permit to be placed therein, or convey in or upon the same any person sick with any contagious disease, or the body of any person who has died of any such disease.

Section 14. Every vehicle used, or to be used, for the conveyance of persons for hire, except street railway cars, bicycles, and tricycles, shall be deemed a hackney carriage within the meaning of this ordinance.

Section 15. Whoever violates any of the provisions of this ordinance shall be punished by a fine not exceeding twenty dollars for each offence.

Section 16. This ordinance shall take effect May 1, 1908.

Approved December 13, 1907.

No. 67.

An Ordinance Regulating the Erection and Maintenance of Garages for Automobiles.

Be it ordained by the Board of Aldermen of the City of Somerville, as follows:—

Section 1. No person shall erect or use for a garage any building or structure unless licensed by the board of aldermen after a public hearing, and only to the extent so licensed.

Section 2. The term "garage" shall be understood to mean a place for keeping or storing an automobile or several automobiles. The term "automobile" shall be understood to mean a vehicle propelled by any power other than muscular, except steam railroad cars and engines, and street railway cars and vehicles running on less than four wheels.

Section 3. The provisions of this ordinance shall not apply to buildings or structures in use for a garage at the time of its passage.

Section 4. Whoever violates a provision of this ordinance shall be liable to a penalty of not more than twenty dollars for each offence.

Section 5. This ordinance shall take effect upon its passage.

Approved December 13, 1907.

No. 68.

An Ordinance to Amend Section 15 of Chapter 16 of the Revised Ordinances of 1900, Entitled, "Sewers."

Be it ordained by the Board of Aldermen of the City of Somerville, as follows:—

Section 1. Section fifteen of chapter sixteen of the Revised Ordinances of 1900 is hereby amended by adding thereto the following:—

No gasolene or other explosive or inflammable substance shall be caused or allowed to enter directly or indirectly any common sewer or other public drain.

Section 2. Whoever violates a provision of this ordinance shall be liable to a penalty of not more than twenty dollars for each offence.

Section 3. This ordinance shall take effect upon its passage.

Approved December 13, 1907.

FREDERIC W. COOK,
City Clerk.

JURY LIST OF THE CITY OF SOMERVILLE.

Prepared by the Registrars of Voters, under Chapter 176 of the Revised Laws, February 7, 1907.

Accepted by the Board of Aldermen February 25, 1907.

A

Abbott, Alonzo F., 8 Concord avenue, Shipper.
Adams, Charles, 117 Highland avenue, Machinist.
Adams, Charles M., 22 Highland rd., Insurance adjuster.
Adams, Frank H., 46 Summer street, Tailor.
Adcock, John H., 205 Highland avenue, Plumber.
Alexander, Harrison B., 383 Medford street, Brakeman.
Allen, George H., 29 Rogers avenue, Real estate dealer.
Allison, James W., 95 Mt. Vernon street, Carpenter.
Andrews, Francis H., 27 Knowlton street, Brakeman.
Andrews, Horace W., 172 Broadway, Builder.
Andrews, John, 34 Albion street, Agent.
Armstrong, Thomas W., 39 Partridge avenue, Watchman.
Attwood, J. Alonzo, 12 Park avenue, Bookkeeper.
Atwater, George W., 1 Avon street, Foreman.
Atwell, Horace F., 7 Newbury street, Salesman.

B

Babb, Nathaniel F., 193 School street, Salesman.
Babbitt, Artemas B., 110 Perkins street, Machinist.
Bacon, Oliver, 19 Pembroke street, Bookkeeper.
Baier, Fred J., 7 Shawmut place, Electrician.
Bailey, Walter C., 72 Mt. Vernon street, Engraver.
Baker, Jacob, 26 Trull street, Paperhanger.
Baker, Nicholas, 9 Bedford street, Cooper.
Baker, Roger H., 9 Bedford street, Cooper.
Bancroft, Edward A., 31 School street, Barrel dealer.
Barnes, Frank, 24 Milton street, Box manufacturer.
Bartlett, George E., 5 North Union street, Machinist.
Bassett, Albert H., 17 Everett street, Real estate agent.
Bateman, Charles R., 1228 Broadway, Station master.
Beals, William H., 27 Howe street, Clerk.
Bean, Harry M., 148 Boston avenue, Clerk.
Bean, John D., 3 Lincoln street, Teamster.
Beckley, Henry F., 221 Morrison avenue, Salesman.
Beckman, Frank W., 36 Stone avenue, Clerk.
Beirne, Patrick H., 154 Linwood street, Brass finisher.
Belding, Oscar H., 182 Highland avenue, Builder.
Bennett, Dana W., 41 Putnam street, Insurance agent.
Bennett, Daniel J., 37 Stone avenue, Harness maker.
Bentley, George W., 19 Adams street, Com. merchant.
Berglind, John E., 53 Dickinson street, Machinist.
Berry, Arthur W., 53 Hudson street, Builder.

Berton, John F., 134 College avenue, Painter.
Bertwell, Henry P., 20 Cameron avenue, Car conductor.
Billings, George A., 75 Willow avenue, Collector.
Bishop, William F., 20 Wheeler street, Bookkeeper.
Blake, Charles M., 11 Preston road, Newsdealer.
Blake, Frank R., 21 Derby street, Machinist.
Boodry, George R., 26 Josephine avenue, Stereotyper.
Booker, James A., 20 Windsor road, Clerk.
Bossey, Charles W., 22 Ashland street, Salesman.
Bossey, Thomas F., 111 Elm street, No occupation.
Bosworth, William H., 10 Powder House ter., Adv. mgr.
Boutin, Abraham, 18 Park avenue, Janitor.
Bowman, Henry F., 10 Winter-hill circle, Lithographer.
Boyer, George R., 29 Wigglesworth street, Builder.
Brabrook, Albert A., 126 Walnut street, Clerk.
Brackett, Ira A., 60 Burnside avenue, Carriage dealer.
Bradley, Daniel A., 67 Beacon street, Piano finisher.
Bradshaw, Charles H., 7 Westwood rd., Real estate agt.
Brady, George E., 318 Somerville avenue, Confectioner.
Branagan, James, 62 Dane street, Produce.
Bremner, John A., 49 Bow street, Picture frame mfr.
Briggs, Sylvester R., 187 Central street, Broker.
Brine, Charles F., 36 Columbus avenue, Tailor.
Brown, Charles E., 36 Albion street, Carpenter.
Brown, Duncan, 23 Cedar street, Printer.
Brown, Fred E., 311 Washington street, Bookkeeper.
Brown, Fred R., 258 Broadway, Expressman.
Brown, Linwood G., 4 Taunton street, Carpenter.
Brown, Lyman H., 42 Columbus ave., Livery stable kpr.
Brown, William C., 26 Central street, Builder.
Bucknam, Davis P., 12 Vine street, Mason.
Bullard, Walter H., 22 Stickney avenue, Grocer.
Burbank, Munroe A., 9 Autumn street, Butter dealer.
Burbeck, John W., 23 Hall avenue, Grocer.
Burgess, Edward W., 59 Otis street, Pedler.
Burgess, William H., 38 Cambria street, Bond salesman.
Bursaw, William J., 428 Broadway, Insurance agent.
Burton, Walter, 2 Homer square, Artist.
Bushee, Charles E., 370 Somerville avenue, Druggist.
Butters, Charles S., 51 Church street, Provision dealer.
Butterworth, Robert, 172 Summer street, Manufacturer.
Buttimer, Maurice, 351 Lowell street, Contractor.

C

Cadwallader, Thomas J., 3 Lawson terrace, Clerk.
Cain, John, 147 Cross street, Packer.
Caldwell, David J., 50 Preston road, Clerk.
Callow, John R., 42 Concord avenue, Car Inspector.
Cameron, William G., 5 Lester terrace, Carpenter.
Campbell, William J., 19 Putnam street, Machinist.
Card, Frederick L., 243 Pearl street, Provision dealer.
Carpenter, Albert Q., 7 Sargent avenue, Salesman.
Carr, Roy W., 130 College avenue, Confectioner.
Carr, William R., 26 Fairmount avenue, Real estate agt.
Carruth, Frederick J., 34 Willow avenue, Salesman.
Cate, Nathan E., 28 Everett avenue, Freight clerk.
Cavanaugh, Maurice F., 7 Bowdoin street, Teamster.
Chadwick, A. LeRoy, 30 Charnwood road, Cashier.
Chalmers, David, 77 Pearl street, Motorman.
Chapin, Hiram O., 44 Dover st., Commission merchant.

Chase, Washington I., 85 Vine street, Distiller.
Cheeney, Clinton L., 38 Berkeley street, Confectioner.
Chickering, William H., 15 Evergreen avenue, Clerk.
Christie, Trott K., 22 Oliver street, Teamster.
Christopher, Emerson R., 219 Summer street, Grocer.
Clancy, Edward F., 90 Webster avenue, Candy maker.
Clapp, George H., 35-A Franklin street, Foreman.
Clark, Charles W., 21 Westminster street, Shipper.
Clark, George W., 65 Central street, Cruller mfr.
Clarke, George B., 31 Berkeley street, Electrotyper.
Clarkson, Francis K., 6 Cross street, Salesman.
Clement, Herman J., 35 Marshall street, Printer.
Clough, Warren A., 64 Church street, Pattern maker.
Coan, Thomas S., 18 Fremont street, Bookkeeper.
Cochran, Orlando R., 5 Campbell park, Salesman.
Coffin, Clarence D., 67 Hall avenue, Builder.
Colbert, Edward, 25 Monmouth street, Bookkeeper.
Colby, Charles E., 5 Morgan street, No occupation.
Cole, Daniel H., 22 Edmands street, Clerk.
Coliton, Edward J., 87 Linwood street, Grocer.
Collieson, Clarence E., 19 Park avenue, Leather dealer.
Collins, John D., 22 Vine street, Mason.
Colman, Charles W., 151 Central street, Architect.
Comfort, James J., 9 Hammond street, Car conductor.
Concannon, John H., 50 Joy street, Produce dealer.
Condit, Fred H., 255 Medford street, Musician.
Condit, Sears, 255 Medford street, Real estate dealer.
Connelly, Joseph A., 11 Craigie terrace, Sub-foreman.
Coogan, John P., 23 Dane avenue, Expressman.
Cook, Forrest D., 301 Highland avenue, Reporter.
Copithorne, John, 81 School street, Carpenter.
Corliss, Charles H., 36 Greenville street, Butter dealer.
Craig, John W., 97 Washington street, Blacksmith.
Creighton, Fred'k W., 328-A Highland ave., Bookkeeper.
Crenner, Bartlett P., 61 Adams street, Leather dealer.
Crocker, Lancis S. J., 19 Church street, Teamster.
Cross, John A., 10 Lee street, Bookkeeper.
Crotty, William B., 466 Somerville avenue, Grocer.
Cullen, Christopher J., 150 Washington street, Teamster.
Cullin, Edwin, 222 Broadway, Grocer.
Cullis, Edwin J., 201 Pearl street, Clerk.
Cunningham, Thomas A., 60 Beacon street, Grocer.
Curran, Reuben L., 62 Otis street, Foreman.
Currier, William M., 9 Lesley avenue, Bookkeeper.
Cutler, Frank E., 70 Pearl street, Painter.
Cutter, George B., 4 Pleasant avenue, Musician.

D

Dadmun, Henry H., 48 Oxford street, Salesman.
Dalton, Fred M., 768 Broadway, Marketman.
Dalton, James H., 22 Powder House terrace, Grocer.
Damon, Ellis H., 50 Hudson street, Bookkeeper.
Danforth, George E., 149 Lowell street, Clerk.
Daniels, Edward S., 50 Spring street, Piano tuner.
Dardis, John F., 8 Taunton street, Polisher.
Davenport, Foster L., 301 Summer street, Conductor.
Davenport, Howard H., 85 Munroe street, Asst. supt.
Davis, Albert I., 35 Fairmount avenue, Bookkeeper.
Davis, Edward A., 9 Holt avenue, Sail maker.
Davis, Fred E., 85 Pearl street, Bookkeeper.

Davis, George E., 35 Putnam street, Bookkeeper.
Davis, George M., 20 Arthur street, Mason and builder.
Dawes, Henry L., 8 Ashland street, Salesman.
Dawson, Howard, 70 Albion street, Clerk.
Delay, James, 48 Beacon street, Florist.
Dennett, Alexander H., 20 Monmouth st., Paperhanger.
Dennett, John M., 23 William street, Stable keeper.
Dennett, William H., 20 Lovell street, Clerk.
Densmore, Charles D., 44 Porter street, Clerk.
Denvir, William E., 197 Summer street, Shipper.
DeWolf, Lewis E., 334 Highland avenue, Tailor.
Dimick, Charles W., 122 Line street, Manager.
Dinsmore, Fred C., 8 Arthur street, Grain dealer.
Ditchfield, Charles L., 17 Hawthorne street, Casket trim.
Doane, Nathaniel P., 19 Grand View ave., Tow boat agt.
Dodge, Edwin G., 21 Benedict street, Photographer.
Doe, Freeland A., 187 Highland avenue, Cabinet maker.
Dolan, Joseph F., 12 Buckingham street, Harness maker.
Dolloff, Frank S., 18-B Cross street, Baker.
Donaldson, Charles A., 31 Ware street, Engineer.
Donovan, James J., 63 Webster avenue, Glass maker.
Dooling, David H., 306 Washington street, Painter.
Dougherty, John E., 7 Oak street, Clerk.
Douglas, Charles E. M., 20 Stone avenue, Salesman.
Dowd, Thomas, 50 Fellsway West, Plasterer.
Downer, Frank O., 181 Medford street, Railroad police.
Downey, Dennis J., 34 Merriam street, Laborer.
Downing, John L., 30 Burnside avenue, Shipper.
Drinkwater, Frank M., 872 Broadway, Salesman.
Driscoll, James F., 17 Cambria street, Machinist.
Dunbar, John D., 3 Mystic street, Musician.
Duncan, John, 2 Brastow avenue, Manufacturer.
Dunham, George J., 54 Adams street, Automobile dealer.
Dunham, Marshall W., 54 Adams street, Bicycle dealer.
Dunklee, Daniel D., 109 Sycamore street, Furnace dealer.
Dustin, Harry N., 40 Church street, Clerk.
Dyer, Josiah T., 156 School street, Men's furnishings dlr.
Dyson, Noble, 7 Belmont place, Stone cutter.

E

Eager, Oliver M., 39 Warwick street, Machinist.
Eames, Henry H., 13 Chapel street, Machinist.
Eastman, Ulysses G., 53 Pritchard avenue, Carpenter.
Eaton, Arthur W., 12 Westminster street, Clerk.
Eaton, Clifford C., 86 School street, Musician.
Edmands, John S., 28 Sycamore street, Architect.
Edmond, George A., 10 Wesley street, Machinist.
Edwards, Edward H., 10 James street, Chiropodist.
Egerton, Charles S., 63 Boston street, Cigar dealer.
Eldridge, Charles W., 8 Pearl terrace, Tinsmith.
Elkins, John F., 142 Medford street, Contractor.
Ellinwood, George H., 54 Beech street, Chemist.
Elliott, George E., 103 Glenwood road, Assessor.
Elliott, Waldo F., 177 Walnut street, Livery stable.
Ellis, William F., 4 Quincy street, Tailor.
Elston, Abraham A., 25 Preston road, Contractor.
Emerson, William J., 104 Broadway, Boot & Shoe dealer.
Emery, Allen A., 71 Gilman street, Butter salesman.
Emery, George W., 27 Albion street, Draughtsman.
Estey, Clarence A., 30 Tufts street, Railroad clerk.

Estey, Joseph Hatfield, 32 Thorndike street, Grocer.
Esty, Austin S., 203 School street, Manager.
Everton, Elphonso I., 34 Lake street, Cigar mfr.

F

Fairbanks, Henry I., 152 Walnut street, Salesman.
Fallon, John F., 7 Beach avenue, Junk dealer.
Farnham, Charles E., 16 Grand View avenue, Clerk.
Farrell, Patrick S., 55 Lowell street, Painter.
Farwell, Ruleffe H., 92 Central street, Pressman.
Fay, William H., 127 Josephine avenue, Clerk.
Fellows, Charles H., 30 Banks street, Accountant.
Fellows, John H., 12 Elston street, Accountant.
Fenno, Edwin H., 45 Hancock street, Paymaster.
Ferguson, Herbert J., 57 Lowell street, Porter.
Ferris, Robert J., 17 Park street, Horse dealer.
Fillebrown, Arthur M., 15 Buckingham street, Machinist.
Finney, Nathaniel G., 632 Somerville avenue, Painter.
Fisher, Alphonso, 7 Pearl-street place, Painter.
Fisher, Edgar M., 14 Stickney avenue, Salesman.
Fisk, Ellsworth, 44 Heath street, Agent.
Fitz, Charles E., 440 Broadway, Bookkeeper.
Flagg, Charles A., 24 Gibbens street, Conductor.
Flaherty, Francis E., 261 Washington street, Undertaker.
Flaherty, James P., 45 Everett avenue, Junk dealer.
Flaherty, William H., 261 Washington street, Contractor.
Fletcher, John E., 81 Walnut street, Collector.
Flynn, Dennis F., 67 Dane street, Upholsterer.
Flynn, William P., 31 Linden street, Machine helper.
Ford, Charles S., 124-A Cross street, Canvasser.
Ford, Jeremiah G., 29 Charnwood road, Painter.
Foss, Lewis T., 21 Chandler street, Dentist.
Foster, Elmer E., 10 Broadway place, Fireman.
Foster, John B., 66 Irving street, Artist.
Fox, Edward W., 123 College avenue, Jeweler.
Fox, John, 28 Linden street, Laborer.
Foy, John H., 350 Somerville avenue, Glass worker.
Friend, Edward, 5 Cameron avenue, Painter.
Frink, William A., 5 Irving street, Undertaker.
Frost, George W., 38 Laurel street, Clerk.
Frye, Charles H., 43 Sargent avenue, Machinist.
Fudge, Edward J., 334 Somerville avenue, Undertaker.
Fuller, Dana L., 50 Powder House boulevard, Beef sales.
Fuller, Walter I., 37 Hancock street, Electrician.
Fulton, David, 599½ Somerville avenue, Laborer.

G

Gaffney, William, 14 Kingman court, Tile mason.
Gardner, Gerald A., 8 Hudson st., R. E. and Ins. Broker.
Garland, John A., 76 Porter street, Publisher.
Garrity, Martin, Jr., 416 Norfolk street, Plumber.
Gary, Joseph E., 86 Irving street, Broker.
Gavin, Edward J., 36 Berkeley street, Brass finisher.
Gay, Frederick, 10-R Boston street, Expressman.
Geary, John J., 41 Lake street, Salesman.
Geary, Patrick J., 41 Lake street, Clerk.
Geddis, William, 13 Hammond street, Janitor.
Getchell, Albert R., 51 Flint street, Waiter.
Gifford, Herbert C., 54 Preston road, Real estate.

Gilbert, Fred W., 101 School street, Shoe dealer.
Giles, Charles E., 24 Webster street, Real estate dealer.
Gill, Antonio P., 202-B Washington street, Barber.
Gill, Frank A. W., 1 Dell street, P. O. clerk.
Gill, Martin, 72 Bonair street, Teamster.
Gill, William T., 1 Dell street, Undertaker.
Gillette, Hiram A., 72 College avenue, Clerk.
Gillis, Daniel B., 27 Willow avenue, Builder.
Gilman, Charles E., 49 Dickinson street, Grocer.
Glazebrook, John G., 65 Wheatland street, Tanner.
Glidden, George A., 11 Marshall street, Salesman.
Glines, Arthur W., 142 Powder House boul., Salesman.
Glynn, Thomas J., 18 Bow-street place, Laborer.
Goddard, Edward A., Jr., 64 Wallace street, Clerk.
Goddard, William L., 193 Morrison avenue, Clerk.
Godey, Frederick C., 4 Ivaloo street, Roofer.
Godfrey, Alexander M., 52 Berkeley street, Carpenter.
Goding, Eugene F., 93 Newton street, Tinsmith.
Goldsmith, Benjamin W., 7 Jasper street, No occupation.
Goodspeed, William H., 37 Rush street, Cafe proprietor.
Gordon, Arthur C., 58 Beech street, Painter.
Graham, Robert C., 29 Greene street, No occupation.
Graham, Samuel, 299 Broadway, Machinist.
Graves, David B., 17 Rogers avenue, Clothing dealer.
Graves, Elmer E., 19 Cottage avenue, Manager.
Gray, Amasa, 71 Wallace street, Carpenter.
Green, Bernard J., 250-A Somerville avenue, Mason.
Greenough, John L., 19 Vernon street, Conductor.
Griffin, Augustus P., 22 Richdale avenue, Salesman.
Griffin, Daniel J., 18 Bow street, Bookkeeper.
Griffin, Edward B., 32 Rush street, Shipper.
Griffin, Edward L., 21 Webster avenue, Clerk.
Grover, George A., 10 Belmont place, Special officer.
Grover, Nelson H., 26 Oxford street, Advertising agent.
Guild, Julius J., 325 Washington street, Salesman.
Gurnham, Thomas, 36 Hancock street, Newsdealer.

H

Hackett, James A., 20 Atherton street, Telegrapher.
Hadley, Freddell O., 30 Conwell avenue, Wood worker.
Hadley, Walter M., 24 Hathorn street, Real estate.
Hagen, Edward A., 210 Somerville avenue, Glass maker.
Hale, C. Warner, 144 Highland avenue, Clerk.
Haley, Fred, 41 Greenville street, Insurance agent.
Hall, George G., 89 Cross street, Printer.
Hall, William A., 9 Veazie street, Express.
Hall, William Franklin, 103 Thurston street, Accountant.
Hancock, Edward, 272 Highland avenue, Butter salesman.
Harrington, Nathan B., 7 Bolton street, Clerk.
Hartwell, Walter C., 15 Kenwood street, Bookkeeper.
Haskell, Otis S. M., 279 Summer street, Confectioner.
Hatch, Arthur E., 46 Browning road, Manager.
Hatch, Frederick A., 38 Bond street, Laborer.
Hawkins, Alvin C., 48 Banks street, Foreman.
Hayward, John G., 5 Windom street, Insurance agent.
Heacox, Dwight C., 45 Springfield street, Machinist.
Henderson, Thomas, 26 Dane avenue, Laborer.
Hepburn, James, 226 Somerville avenue, Grocer.
Hern, John H., 97 Prospect street, Wood worker.
Hersey, Charles H., 7 Thurston street, Clerk.

Hicks, Carlton, 8 Charnwood road, Agent.
Higgens, John, 38 Linwood street, Dry goods dealer.
Higgins, Byron E., 20 Richdale avenue, Mason.
Higgins, Solomon S., 158 Summer street, R. E. agent.
Hill, Arthur B., 17 Norwood avenue, Musician.
Hines, Alfred H., 9 Preston road, Mason.
Hodge, Charles W., 26 Billingham street, Bookkeeper.
Hodgkins, Edward S., 139 Orchard street, Clerk.
Hoit, Alonzo W., 275 Highland avenue, Produce dealer.
Hoit, Edward P., 275 Highland avenue, Produce dealer.
Holland, Charles J., 30 Aldrich street, Paperhanger.
Holland, William L., 30 Aldrich street, Printer.
Holmes, Charles A., 265 Beacon street, Vinegar mfr.
Holmes, Frank H., 29-A Veazie street, Plumber.
Holmes, Samuel, 49 Thurston street, Poultry salesman.
Holt, Edward M., 32 Springfield street, Machinist.
Holt, Harry, 108 Porter street, Carpenter.
Hopkins, J. Wesley, 27 Summit avenue, Music salesman.
Horton, Charles H., 101 School street, Clerk.
Horton, Charles P., 22 Everett avenue, Janitor.
Houdlette, Horace A., 33 Everett avenue, Salesman.
Houley, Patrick F., 65 Springfield street, Prov. dealer.
Howard, Eugene P., 11 Hall avenue, Salesman.
Howard, J. Walter, 330 Broadway, Florist.
Howe, Henry E., 17 Sewall street, Shoe salesman.
Hughes, John, Jr., 13 Morton street, Brass worker.
Hulsman, Chester R., 7 Alston street, Salesman.
Hunnewell, William A., 23 Milton street, Coal dealer.
Hunt, Cassius, 218 School street, Fish dealer.
Hunt, Charles E., 28 Brook street, Clerk.
Hunt, John T., 28 Brook street, Clerk.
Hunt, Warren F., 236 Highland avenue, Clerk.
Hunter, William H., 11 Sycamore street, Glass engraver.
Hurley, James F., 229 Tremont street, Glass blower.

I

Ingham, John S., 27-B Summer street, Clerk.
Ireland, George H., 14 Stanford terrace, Blacksmith.
Irish, Fred D., 3 Dartmouth street, Salesman.
Ivans, Benjamin D., 61 Elm street, Machinist.

J

Jackson, Edward F., 15 Osgood street, Driver.
Jackson, George W., 8 Hall street, Brush maker.
Jameson, Robert, 22 Bowdoin street, Billiard room kpr.
Jansson, Augustus L., 102 Wallace street, Illustrator.
Jaques, Otis A., 66 Boston street, Fruit dealer.
Jennings, George W., 60 Central street, Clerk.
Jensen, James A., 21 Meacham street, Freight conductor.
Jerauld, Frank, 29 Aldrich street, Artist.
Johnson, Hartley M., 10 Bellevue terrace, Expressman.
Jonah, Leonard, 153 Hudson street, Carpenter.
Jones, Charles E., 154 Pearl street, Carriage maker.
Jones, Walter C., 157 Willow avenue, Artist.
Joslyn, Will C., 37 Banks street, Salesman.
Joy, Alden B., 23 Craigie street, Carpenter.
Junkins, Leander D., 5 Billingham st., Designer & invent.

K

Kane, William A., 34 Ash avenue, Tinsmith.
Kauler, Charles E., 27 Gilman st., Undertaker's assistant.
Kearney, Edward S., 53 Mansfield street, Sawdust deal.
Kearney, John J., 6 Charlestown street, Clerk.
Keay, Fred E., 153 College avenue, Editor.
Keefe, William M., 46 Kingston street, Milk dealer.
Keegan, Dominick F., 31 Belmont street, Printer.
Keith, Simeon C., Jr., 20 Highland avenue, Bacteriologist.
Kelley, Edward N., 17 Merriam street, Lather.
Kelley, Isaac S., 22 Electric avenue, Cashier.
Kelley, John J., 12 London street, Pedler.
Kelley, William, 15 Leland street, Janitor.
Kelley, William M., 17 Merriam street, Clerk.
Kelly, John G., 33 Florence street, Machinist.
Kendall, Isaac B., 338 Broadway, Insurance agent.
Kendall, John B., 25 Russell street, Milk dealer.
Kendall, Jonas B., Jr., 41 Russell street, Milk dealer.
Kendall, Phillip S., 41 Russell street, Milk dealer.
Kennedy, Clifton A., 21 Thorndike street, Conductor.
Kenneson, Charles A., 176 Walnut st., Stor. W. H. kpr.
Kenney, James, 4 Concord avenue, Carpenter.
Kidder, Herbert A., 58 Walnut street, Cashier.
Kiley, Patrick J., 15 Mystic street, Wheelwright.
Kimball, Charles L., 19-A Cross street, Foreman.
Kimball, Edward P., 7 Richdale avenue, Lawyer.
Kimball, Harvey B., 13 Herbert street, Carpenter.
King, Charles E., 69 Beacon street, Coachman.
Kingston, Joseph R., 10 Conwell street, Optician.
Kinney, Edgar L., 92 Sycamore street, Bookkeeper.
Kirby, Michael, 315 Washington street, Laborer.
Kneeland, William B., 9 Greene street, Freight solicitor.
Knight, George R., 158 Broadway, Painter.
Knight, William E., 493-R Columbia street, Watchman.
Knowles, Benjamin H., 15 Parker street, Hatter.
Knowles, Zoeth R., 52 Putnam street, Printer.
Knowlton, Edward B., 45 Josephine avenue, Pattern mkr.
Knox, Waldo H., 19 Hancock street, Clerk.

L

Lambert, Frank S., 10 Cross street, Painter.
Lamont, William H., 73 Beacon street, Rubber worker.
Land, Lawrence P., 60 Marshall street, Carpenter.
Landers, Arthur C., 218 Summer street, Bookkeeper.
Lane, Eugene H., 58 Berkeley street, Butter dealer.
Lavey, John T., 7 Belmont street, Pork packer.
Lawrence, Bernard W., 289 Highland ave., Produce dlr.
Lawrence, George B., 27 Spencer avenue, Slate dealer.
Lawry, Herbert F., 73 Rogers avenue, Clerk.
Lawson, Peter P., 101 Summer street, Machinist.
Learned, James M., 7 Westminster st., No occupation.
Leavitt, Edwin, 13 Pinckney street, Collector.
Leavitt, Frank W., 468 Somerville avenue, Carriage mfr.
LeCount, Frederick R., 7 Dartmouth street, Clerk.
Lennan, William M., 732 Broadway, Clerk.
Leonard, Eugene C., 65 Adams street, Tailor.
Lewis, Dennis J., 14 Benedict street, Plumber.
Libbey, Albion H., 8 Ames street, Salesman.
Libbey, George W., 215 Pearl street, Bookkeeper.

Libbey, Moulton C., 7 Jay street, Jeweler.
Libby, George H., 39 White street, Upholsterer.
Liddell, William, 130-A Broadway, Pattern maker.
Lincoln, Andrew G., 3 Lincoln avenue, Ivory worker.
Lind, John, 38 Clark street, Marble worker.
Litchfield, Hiram J., 11 Cutter street, Teamster.
Litchfield, J. Warren, 181 Broadway, Milk dealer.
Little, John K., 93 Hudson street, Accountant.
Littlefield, Elisha, 65 Glen street, Carpenter.
Littlefield, Samuel T., 321 Broadway, No occupation.
Locke, Theodore H., 53 Central street, Clerk.
Lomasney, John E., 7 Maple avenue, Clerk.
Lombard, Richard J., 16 Evergreen avenue, Teamster.
Lord, Frank W., 4 Pearl street, Salesman.
Lord, George T., 23 Wheeler street, Milkman.
Lorentzen, Henry, 101 Rogers avenue, Lock expert.
Lounsbury, George H., 46 Houghton street, Clerk.
Loveland, Charles M. N., 898 Broadway, Stenographer.
Lovering, Edward P., 187 Medford street, Mason.
Lovering, Everett L., 21 Bradley street, Musician.
Lowell, George E., 46 Gilman street, Livery stable kpr.
Lund, John C., 13 Cutter street, Shipper.
Lundergan, James W., 40 Dickinson street, Milkman.
Lyman, Albert C., 19 Knapp street, Upholsterer.
Lynch, John B., 9 Cedar avenue, Bookbinder.
Lyons, Timothy J., 14 Chestnut street, Pedler.

M

Macdonald, John W., 23 Elm place, Salesman.
Maddison, Arthur N., 7 Hall avenue, Stenographer.
Magoon, William S., 79 Perkins street, Signal repairer.
Makant, Robert, 40 School street, Engraver.
Makechnie, Ernst H., 238 Elm street, Teacher of violin.
Mangan, William J., 3 Hawkins street, Electrician.
Mann, Alfred E., 75 Washington street, Undertaker.
Manning, James F., 26 Fitchburg street, Driver.
Manning, John F., 152 Medford street, Teamster.
Manning, John J., 29 Park street, Barber.
Manning, Joseph J., 36 Oak street, Undertaker.
Marble, Augustus B., 94 Sycamore street, Sales agent.
Marchant, Albert L., 92 Vine street, Barber.
Marr, George S., 37 Dover street, Carpenter.
Marsh, William H., 27 Cutter street, Teamster.
Marshall, Edwin A., 38 Franklin avenue, Wood carver.
Marshall, John A., 153-A Willow avenue, Salesman.
Marston, Joseph N., 18 Rush street, Trader.
Martin, George J., 16 Oliver street, Moulder.
Martin, John P., 56-S Walnut street, Salesman.
Martin, John W., 16 Montgomery avenue, Foreman.
Martin, Lewis R., 34 Grant street, Teamster.
Martinson, William H., 10 Boston street, Engineer.
Mason, Seth, 32 Madison street, Advertising agent.
Matthews, Frank J., 7 Maple avenue, Teamster.
Mayberry, Elijah N., 11 Kenwood street, Salesman.
Maynard, Everett A., 22 Forster street, Bookkeeper.
Maynard, Fred L., 30 Ames street, Provision dealer.
Mayo, Francis L., 17 Clark street, Bill poster.
Mayo, Wallace J., 36 Putnam street, Electrician.
McAllister, William H., 23 Wallace street, Brush maker.
McAskill, Scyrene B., 6 Bow street, Candy dealer.
McAvoy, Henry, 117 Somerville avenue, Stable keeper.

McAvoy, Henry J., Jr., 40 Lake street, Stable keeper.
McCarthy, James F., 24 Preston road, Charcoal dealer.
McCarty, John J., 13 Knowlton street, Charcoal dealer.
McConnell, William N., 51-B Church street, Real estate.
McCullough, William, 54 Dane street, Produce.
McDonald, Wm. M., 56 Cedar street, Provision dealer.
McEleney, William J., 139 Linwood street, Teamster.
McGann, Thomas F., 45 Putnam street, Brass founder.
McGlone, Joseph H., 84 Line street, Confectioner.
McGovern, Lawrence J., 9 Concord avenue, Machinist.
McGrath, Charles T., 75 Harris street, Carriage painter.
McKenna, David W., 7 Chestnut street, Pedler.
McKenna, George F., 292 Lowell street, Undertaker.
McMaster, George R., 12 Park street, Armorer.
McNamara, William E., 47 Dane street, Grocer.
McQuade, Owen A., 6 Taunton street, Polisher.
Medina, John, 27 College avenue, Merchant.
Melvin, Charles F., 25 Farragut avenue, Salesman.
Merriam, George S., 6 Essex street, Warehouseman.
Merrifield, Fred H., 6 Abdell street, Salesman.
Merrill, Warren A., 14 Westminster street, Salesman.
Merritt, William, 103 Pearl street, Railroad supt.
Messer, Melvin J., 27 Franklin street, Manager.
Miller, William S., 255 Medford street, Cashier.
Miner, Robert A., 56 Chester street, No occupation.
Mink, Frank L., Jr., 85 Elm street, No occupation.
Molineaux, Michael R., 41 Thorndike street, Clerk.
Mongan, Manasses P., 1 Garden court, Salesman.
Monroe, Daniel N., 47-A Franklin street, Teamster.
Moore, Frank M., 79 Boston street, Electrician.
Moran, William J., 78 Franklin street, Driver.
Morang, Arthur C., 157 Lowell street, Clerk.
Morgan, Francis W., 452 Medford street, Buyer.
Morrill, Fred L., 18 Arlington street, Foreman.
Morrison, Frank E., 23 Brook street, Provision dealer.
Morrison, William G., 19 Joseph street, Freight clerk.
Morrow, John J., 17 Perry street, Clerk.
Morse, Henry H., 27 Hudson street, Merchant.
Mullaney, Michael, 439 Somerville avenue, Laborer.
Mullen, James, 24 Wyatt street, Laborer.
Mulqueeney, Lot J., 420 Norfolk street, Laborer.
Murphy, John F., 65 Waterhouse street, Engineer.
Murphy, Stephen F., 102 College avenue, Manager.
Muzzy, Horace T., 31 Vinal avenue, Draftsman.
Myott, William C., 54 Richdale ave., Hoisting engineer.

N

Nason, Charles C., 21 Wigglesworth street, Carpenter.
Neal, Andrew C., 78 Raymond avenue, Gilder.
Newell, Franklin G., 41 Temple street, Machinist.
Newman, Edward B., 24 Garrison avenue, Clerk.
Newsom, James E., 74 Sycamore street, Produce dealer.
Nichols, Walter W., 51 Webster street, Carpenter.
Nickerson, Alfred P., 41-D Franklin street, Bookkeeper.
Nickerson, Benjamin S., 37 Highland road, Broker.
Nickerson, John F., 25 Flint street, No occupation.
Nickerson, Urban H., 27 Hall avenue, Salesman.
Niles, James H., 4 Fairlee street, Beef salesman.
Noble, Archibald W., 39 Crocker street, Upholsterer.
Northrup, Herbert N., 165 College avenue, Manufacturer.

Norwood, Winfield S., 942 Broadway, Trimmer.
Nourbourn, James W., 109 Walnut street, Asst. manager.
Nowell, Joseph A., 19 Pinckney street, Engineer.
Noyce, Benjamin C., 28 Glen street, Carpenter.
Nute, Alfred D., 329 Highland ave., Shoe manufacturer.
Nye, Thomas V. B., 51 Cedar street, Salesman.
Nyman, Ernest D., 5 Wigglesworth street, Bag. master.

O

Oakes, Charles E., 36 Joy street, Railroad conductor.
Oakes, Clifford L., 1108 Broadway, Barber.
O'Brien, John J., 8 Durham street, Dry goods pedler.
O'Brien, Timothy F., 4 Prospect place, Grocer.
O'Brien, William, 15 Caldwell avenue, Expressman.
O'Brien, William E., 70 Prospect street, Clerk.
O'Connell, Henry J., 139 Lowell street, Cigar salesman.
O'Connell, Michael, 35 Linwood street, Pedler.
O'Day, William, 8 Palmer avenue, Machinist.
O'Donnell, Neil, 114 Cross street, Engineer.
O'Donnell, Thomas H., 273 Washington st., Apothecary.
O'Donohue, Daniel E., 35 Church street, Music teacher.
O'Leary, David T., 277 Washington street, Confectioner.
O'Leary, Denis J., 12 Leland street, Laborer.
O'Neil, John F., 135 Linwood street, Teamster.
O'Neil, Michael A., 158 Lowell street, Stock broker.
O'Neill, William J., 76 Bonair street, Woollens salesman.
Orr, Thomas, 61 Glenwood road, Salesman.
Osborn, Edgar W., 86 Porter street, Furniture dealer.
Osgood, John M., 297-A Summer street, Electrician.
O'Shaughnessy, Patrick, 76 Derby street, Milk dealer.
Otterson, Alpheus, 70 Boston street, Clerk.
Owen, John W., 20 Melvin street, Civil engineer.

P

Page, Daniel W., 21-R Webster avenue, Night watchman.
Park, Arthur N., 20 Arlington street, Clerk.
Parker, Arthur B., 17 Gilman street, Milk dealer.
Parker, Leander W., 253 Willow avenue, Hackman.
Parker, William H., 23 Hall avenue, Salesman.
Patch, Amos G., 35 Irving street, Produce dealer.
Payette, Arthur F., 43 Oak street, Driver.
Peabody, Leon I., 14 Moore street, Clerk.
Peake, Benjamin W., 62 Central street, Private secretary.
Pearson, Albert L., 10 Dresden circle, Mechanical eng.
Pecheur, Augustus F., 7 Merriam street, Glass maker.
Peck, Henry A., 2 Bigelow street, Printer.
Peirce, Cyrus H., 75 Marshall street, No occupation.
Perham, Edwin R., 92 Packard avenue, Expressman.
Perkins, George W., 79 Derby street, Machinist.
Perkins, H. Willis, 373 Medford street, Clerk.
Perry, Elwin L. R., Jr., 34 Richdale av., Brass goods mfr.
Philbrick, Charles S., 174 Morrison ave., R. E. agent.
Phillips, Bernard C., 8 Charlestown street, Glass cutter.
Pickthall, Richard E., 182 Central street, Superintendent.
Pierce, Henry A., 14 Conwell street, Marketman.
Pigon, Joseph H., 36 Wallace street, Clerk.
Pillsbury, Edwin B., 1156 Broadway, Publisher.
Plaisted, William D., 17 Franklin street, Clerk.
Pond, George W., 91 Bay State avenue, Salesman.
Potter, George B., 14 Crocker street, Produce salesman.

Potter, Henry K., 5 Arthur street, Carriage mfr.
Pratt, Charles H., 20 George street, Civil engineer.
Preble, Frederick A., 55 Tennyson street, Bookkeeper.
Prescott, Albion M., 59 Concord avenue, Teamster.
Prichard, George W., 1 Bean court, Teamster.
Pugh, Samuel, 269 Summer street, Clerk.
Pushee, Frank S., 43 Chester street, Salesman.

Q

Quarrie, Joseph A., 62 Sycamore street, Carpenter.
Quick, Augustus S., 51 Chester street, Salesman.
Quilligan, Harry A., 451 Somerville avenue, Plumber.
Quinlan, John P., 8 Buckingham street, Driver.
Quinn, John A., 19 Rossmore street, Laborer.

R

Rafferty, Thomas, 30 Oak street, Plumber.
Ralph, Alson C., 138 Lowell street, Electrician.
Ramsdell, Charles H., 53 Tufts street, Real estate agent.
Rand, Fred C., 35 Banks street, Carpenter.
Rand, George T., 425 Highland avenue, Undertaker.
Rand, James B., 24 Austin street, Traveling salesman.
Randlet, Irving N., 11 Jay street, Builder.
Ray, Frank E., 16 Virginia street, Salesman.
Ray, George O., 42 Concord avenue, Engineer.
Raymond, Charles F., 20 Crocker street, Collector.
Raymond, Marcus M., 37 Jaques street, No occupation.
Raynes, Charles E., 49 Francesca avenue, Clerk.
Reynolds, James F., 7 Adams street, Insurance agent.
Rich, Isaac, 36 Walnut street, Civil engineer.
Rich, Samuel B., 45 Francesca avenue, Fish dealer.
Richards, Frederick L., 127 Summer street, Engineer.
Richards, George A., 8-A Melvin st., Real estate agent.
Richards, William P., 44 Day street, Architect.
Richardson, George A., 20 Wesley street, Painter.
Richardson, Homer L., 11 Albion street, Compositor.
Richardson, William C., 15 Franklin street, Clerk.
Ricker, George E., 27 College avenue, Hotel keeper.
Rideout, Henry N. W., 7 Howe street, Asst. paymaster.
Ridler, Parker, 37 Ames street, Salesman.
Riess, Frank, 49 Gorham street, Painter.
Riley, Philip W., 122 Rogers avenue, Printer.
Rinn, Daniel H., 17 Wesley park, Victualler.
Rivers, Fred S., 31 Charnwood road, Electrician.
Roberts, Oliver S., 15 Kidder avenue, Manager.
Roberts, Samuel, 16-A Norwood avenue, Engineer.
Robinson, William F. S., 84 Pearl street, Artist.
Robinson, Wm. H., 265 Broadway, Veterinary surgeon.
Rogers, Bishop G., 34 Lake street, Bookkeeper.
Rogers, Charles W., 86 Concord avenue, Dyeing.
Rogers, John E., 9 Wigglesworth street, Electrician.
Ronayne, John, 22½ Tyler street, Laborer.
Rouse, John P., 171 Washington street, Drug clerk.
Rowe, Daniel, 299 Washington street, Editor.
Rufer, John B., 19 Chapel street, Blacksmith.
Rumney, Isaac E., 10 Benedict street, Janitor.
Russell, Arthur J., 5 Beacon street, Printer.
Russell, Edmond, 57 Dane street, Mason.
Russell, Eugene L., 1196 Broadway, Provision dealer.
Russell, George E., 20 Thorpe place, No occupation.
Ryan, Martin J., 7 Garden court, Bookkeeper.

S

Sampson, Paul L., 22 Joseph street, Printer.
Sanborn, William A., 62 Curtis street, Brick mfr.
Sanborn, William F., 17 Benedict street, News dealer.
Sargent, Isaac C., 8 Parker street, Insurance agent.
Savage, Peter J., 10 Dane avenue, Machinist.
Savory, Harlie J., 81 Cross street, Railroad employee.
Sawyer, Walter S., 16 Browning road, Real estate agent.
Scanlon, Edward, 28 Marion street, Provision dealer.
Schillinger, Edgar F., 152 Walnut street, Clerk.
Schofield, John E., 28 Willow avenue, Clerk.
Schrafft, William E., 49 Belmont st., Candy manufacturer.
Schwab, Ferdinand, 5 Pearson road, Superintendent.
Scott, Albert W., 32 Spencer avenue, Driver.
Sewall, Charles B., 174 Walnut street, Collector.
Sewall, William H., 140 Lowell street, Watchman.
Seymour, Alfred A., 10 Brook street, Salesman.
Shattuck, Benjamin F., 26 Warren avenue, Potato dealer.
Shattuck, David A., 23 Brook street, Carpenter.
Shaw, Charles E., 10 Eastman road, Paperhanger.
Shaw, Fred E., 18 Everett avenue, Bookkeeper.
Shaw, Oscar M., 18 Everett avenue, Carpenter.
Shaw, William H., 92 Central street, Assistant manager.
Shaw, William T., 10 Fellsway West, Building supt.
Sheeran, John J., 17 Merriam street, Provision dealer.
Shepley, Charles H., 45 Union square, No occupation.
Sheridan, Arthur H., 22 Perry street, Salesman.
Shiner, Alfred F., 158 Linwood street, Trader.
Shorey, William P., 40 Columbus avenue, Clerk.
Short, Oscar W., 8 Bowdoin street, Box manufacturer.
Simonds, Charles F., 86 Belmont street, Mechanic.
Simpson, Merton P., 155 Willow avenue, Furniture sales.
Skilton, Walter E., 7 Westminster street, Salesman.
Smith, Albert A., 8 Howe street, No occupation.
Smith, Albert E., 15½ Putnam street, Cooper.
Smith, Edgar A., 45 Cedar street, Asst. superintendent.
Smith, Edward P., 16 Powder House terrace, Clerk.
Smith, Peter J., 117 Prospect street, Tea dealer.
Smith, William, 13 Smith avenue, Cabinetmaker.
Smith, William A., 79 Pritchard avenue, Marketman.
Snow, Herbert W., 199 Pearl street, Clerk.
Snow, Walter H., 42 Derby street, Ice cream dealer.
Snow, William A., 17 Francesca avenue, Iron worker.
Soares, Jose X. P., 39 Lowell street, Barber.
Soule, Horace W., 22 Loring street, Draughtsman.
Spaulding, Daniel B., 8 Hancock street, No occupation.
Spaulding, James R., 57 Chandler street, Merchant.
Sprague, Walter A., 50 Concord avenue, Telegrapher.
Stackpole, John, 242 Broadway, Carpenter.
Stacy, George W., 14 Madison street, Salesman.
Staples, Mendall G., 42 Prospect street, Teamster.
Starratt, John D., 14 Victoria street, Motorman.
Steele, Danforth S., 8 Leslie place, Foreman.
Stevens, Dudley L., 7 Francesca avenue, Salesman.
Stevens, Oliver A., 20 Putnam street, Engineer.
Stevenson, James W., 20-R Cross street, Railroad clerk.
Stevenson, Josiah, 64 Marion street, Riveter.
Stodder, George F., 20 Stickney avenue, Fish dealer.
Strout, Charles O., 17 Flint street, Mason.
Stuart, Lewis R., 21 Delaware street, Dry goods dealer.
Studley, Stillman S., 130 Sycamore street, Clerk.

Sturtevant, Richard H., 31 Walnut street, Beef dealer.
Sullivan, Cornelius, 12 Perry street, Brass moulder.
Swain, Gideon W., 18 Bradley street, Provision salesman.
Swain, Noah R., 17 Hathorn street, Gardener.
Sweeney, John J., 216-A Somerville avenue, Grocer.
Symonds, Irving F., 14 Greene street, Manager.

T

Taapken, John R., 227 Holland street, Grocery clerk.
Tattan, Michael H., 458 Somerville avenue, Grocer.
Taylor, Alvin, 15 Jaques street, Plumber.
Taylor, John H., 29 Farragut avenue, Conductor.
Teague, Charles I., 5 Pearson road, Steam gauge maker.
Temple, Wilbur C., 11 Laurel street, Agent.
Thiery, William O., 34 Central street, Salesman.
Thomas, Joseph M., 23 Stickney avenue, Produce dealer.
Thomas, Penrose F., 9 Hudson street, Salesman.
Thompson, Charles W., 27 Lake street, Clerk.
Thompson, William H. J., 55 Concord avenue, Carpenter.
Thompson, William J., 19 Shawmut street, Merchant.
Thomson, Emerson, 10 Pinckney street, Clerk.
Thurgood, Augustus, 42 Hudson st., Wall paper dealer.
Tibbetts, Harris P., 33 Bradley street, Carpenter.
Tilton, Elbridge A., 122 Heath street, Teamster.
Timson, L. Edgar, 56 Mt. Vernon street, Clerk.
Tincker, George R., 21 Oak street, Cook.
Titus, Anson M., 10 Raymond avenue, Bookkeeper.
Tobin, John J., 373 Somerville avenue, Shoe dealer.
Tomfohrde, Richard, 216 Highland ave., Restaurant kpr.
Tompkins, Charles H., 2 Austin street, No occupation.
Toothaker, Charles W., 67 Pearl street, Milk dealer.
Toppan, Arthur W., 209 Highland ave., Gas engine dlr.
Torrens, William L., 255 Broadway, Wood turner.
Touchet, Victor L., 88 Line street, Teamster.
Tracy, Albert A., 49 Banks street, Manager.
Trauschke, Henry H., 47 Florence street, Clerk.
Treadwell, Frank W., 28 Brook street, Teamster.
Tribble, Hiram, 50 Chandler street, Salesman.
Tripp, William A., 57 Rush street, Teamster.
Tucket, Charles R., 104 Bartlett street, Inspector.
Turner, George E., 27 Tufts street, Teamster.
Tuttle, Fred A., 17 Lesley avenue, Clerk.
Tuttle, Herbert L., 22 Everett avenue, Clothing dealer.

U

Ulm, Albert A., 59 Preston road, Printer.
Upton, Samuel, 102 Glenwood road, Foreman.

V

Valentine, Paul R., 2 Bolton street, Clerk.
Van Buren, John D., 15½ Alston street, Carriage painter.
Van Buskirk, Charles, 20 Prescott street, Wheelwright.
Varney, Chas. A., 408 Highland ave., Telephone insp'tr.
Vickery, William J., 15 Quincy street, Paper box cutter.
Vreeland, Edward B., 121 Central st., Coal & wood dlr.
Vroom, Hallett R., 26 Clark street, Teamster.

W

Waitt, Ernest L., 61 Simpson avenue, Editor.
Walker, George, 26 Wallace street, Salesman.

Walker, Granville A., 9 Loring street, Painter.
Walker, J. Edwin, 64 Temple street, Engineer.
Walker, Thomas G., 5 Dell street, Foreman.
Wanless, David, 21 Grove street, Salesman.
Ward, Benjamin A., 22 Milton street, Tailor.
Ware, Francis A., 54 Dartmouth street, Insurance agent.
Warren, Charles V., 17 Melvin street, Plumber.
Waters, Harry G., 101 Orchard street, Clerk.
Waters, Morgan, 11 Sanborn avenue, Assistant supt.
Watson, Thomas J., 22 Fellsway West, Compositor.
Watters, James, 41 Mystic avenue, Clerk.
Watts, George A., 18 Maple avenue, Mechanic.
Webber, Edward O., 77 Partridge avenue, Janitor.
Webber, Herbert L., 70 Columbus avenue, Painter.
Weeks, Walter I., 36 Francesca avenue, Salesman.
Welch, James T., 303 Highland avenue, Mason.
Wemyss, George D., 29 Ames street, Wood worker.
Wentworth, Frank H., 61 Dartmouth street, Salesman.
Wentworth, Ransom D., 14 Hathorn st., Stable keeper.
Weston, Charles F., 23 Conwell street, Bookbinder.
Weston, Howard H., 50 Jaques street, Milk dealer.
Wheeler, Charles J., 32 Mead street, Painter.
Wheeler, Frank F., 11 Mossland street, Painter.
Wheeler, Homer C., 16 Kidder avenue, Receiving clerk.
Whitcomb, Seth H., 59 Summer street, Nurse.
White, Christopher J., 86 Prospect street, Laborer.
White, Frank H., 14 Montgomery avenue, Map mounter.
White, George H., 25 Meacham street, Machinist.
White, J. Harvey, 411 Broadway, Agent.
Whitney, James F., 40 Dartmouth street, Railroad acct.
Whiton, Erastus, 12 Aldrich street, Clerk.
Whiton, George F., 20 Otis street, Leather dealer.
Wholey, James, 25 Oak street, Laborer..
Wiggin, Walter S., 74 Walnut street, Salesman.
Williams, Charles C., 10 Oakland avenue, Manager.
Williams, Charles H., 45 Lexington avenue, Carpenter.
Williams, James, 166 Sycamore street, No occupation.
Williams, James A., 212-A Somerville avenue, Carpenter.
Williston, Belvin T., 3 Monmouth street, Mech. engineer.
Willoughby, George T., 111 Central street, Builder.
Wilson, Jonas W., 19 Houghton street, Teamster.
Winsor, Martin C., 65 Cross street, Iron salesman.
Winters, John M., 275 Washington street, Electrician.
Winters, William H., 275 Washington street, Engineer.
Wood, Charles, 25 Columbus avenue, Locksmith.
Wood Herbert W., 75 Wallace street, Shell comb maker.
Wood, James, 40 Tower street, Locksmith.
Woodbury, Frederick A., 240-A School st., Shoe dealer.
Woods, George H., 13 West street, Agent.
Worcester, Vernon H., 1134 Broadway, Clerk.
Wright, John Edward, 73 Beacon street, Clerk.
Wright, Walter H., 54 Vinal avenue, Manufacturer.
Wyatt, Charles B., 10 Linden avenue, Machinist.
Wyer, James C., 45 Pearl street, Engineer.
Wyman, Charles B., 67 Thurston st., Restaurant keeper.

Y

York, Ernest A., 10 Thorndike street, Driver.
Young, David, 372 Highland avenue, Blacksmith.
Young, Herbert L., 65 Franklin street, Clerk.
Younker, Richard E., 9 Rossmore street, Wheelwright.

CITY GOVERNMENT AND OFFICERS FOR 1907.

Mayor.

CHARLES A. GRIMMONS,
72 Thurston street.

Board of Aldermen.

President — LEONARD W. COLE.

Vice-President — DAVID C. THEALL.

WARD ONE.

THOMAS W. SUTHERLAND, Alderman-at-large	30 Tufts street.
WILLIAM F. REMICK	16 Cutter street.
GEORGE A. LORD	4 Pearl street.

WARD TWO.

DAVID BERGLIND, Alderman-at-large	53 Dickinson street.
JOSEPH A. HALEY	7 Linden street.
PHILIP KOEN	97 Concord avenue.

WARD THREE.

LEONARD W. COLE, Alderman-at-large	5 Homer square.
WILLIAM M. ARMSTRONG	91 Summer street.
CLARENCE A. SMITH	25 Munroe street.

WARD FOUR.

DAVID C. THEALL, Alderman-at-large	250 Broadway.
GEORGE W. HARVEY	8 Chester avenue.
AMOS W. SHEPARD	191 Broadway.

WARD FIVE.

JESSE S. NEWCOMB, Alderman-at-large,	106 Glenwood road.
CHARLES A. BURNS	27 Thurston street.
J. FRANK MIXER	119 Central street.

WARD SIX.

CHESTER S. MCFARLAND, Alderman-at-large,	21 Cedar street.
RICHARD Y. GOOD	30 Brastow avenue.
CHARLES W. ELDRIDGE	109 Rogers avenue.

WARD SEVEN.

JAMES DAVIS, Alderman-at-large	85 Chandler street.
EDWARD H. KINGMAN	14 Kenwood street.
ROBERT M. LAVENDER	20 Westminster street.

City Clerk —FREDERIC W. COOK.

Assistant City Clerk —HOWARD E. WEMYSS.

Regular meetings, second and fourth Thursday evenings of each month, at 8 o'clock.

Standing Committees of the Board of Aldermen.

ACCOUNTS. — Aldermen Good, Haley and Harvey.

BONDS. — Aldermen Sutherland, Berglind and Kingman.

CITY ENGINEERING. — Aldermen Burns, McFarland and Koen.

CLAIMS. — The President, Aldermen Sutherland and Berglind.

ELECTIONS. — Aldermen Theall, Mixer and Lord.

ELECTRIC LINES AND LIGHTS. — Aldermen McFarland, Kingman, Harvey, Mixer and Armstrong.

FINANCE. — The President, Aldermen Mixer, Theall, Sutherland, Davis, McFarland and Berglind.

FIRE DEPARTMENT. — Aldermen Sutherland, Burns, Eldridge, Harvey and Haley.

GRADE CROSSINGS. — Aldermen Armstrong, Lavender, Burns, Remick and Koen.

HIGHWAYS. — Aldermen Theall, Remick, Davis, Newcomb, Smith, Eldridge and Koen.

LEGISLATIVE MATTERS. — The President, Aldermen Shepard and Newcomb.

LICENSES. — Aldermen Remick, Berglind and Kingman.

ORDINANCES AND RULES. — Aldermen McFarland, Burns and Shepard.

POLICE. — The President, Aldermen Armstrong and Good.

PRINTING. — Aldermen Newcomb, Lavender and Smith.

PUBLIC GROUNDS. — Aldermen Newcomb, Eldridge, Smith, Lavender and Haley.

PUBLIC PROPERTY. — Aldermen Armstrong, Shepard, Lord, Good and Haley.

SEWERS. — Aldermen Davis, Shepard and Lord.

SPECIAL BUILDING PERMITS. — Aldermen Mixer, Theall and Lavender.

STATE AID AND SOLDIERS' RELIEF. — Aldermen Kingman, Good and Koen.

WATER. — Aldermen Davis, Smith and Lord.

School Committee.

Chairman. — FREDERICK A. P. FISKE.

Vice-Chairman. — J. WALTER SANBORN.

(Term, two years, except members ex-officiis.)

CHARLES A. Grimmons, Mayor (ex-officio), 72 Thurston street.

LEONARD W. COLE, Pres. Board of Aldermen (ex-officio), 5 Homer square.

WARD ONE.

HENRY F. CURTIS (elected 1905), 145 Perkins street.

ELMER H. SPAULDING (elected 1906), 44 Tufts street.

WARD TWO.

DANIEL H. BRADLEY (elected 1905), 19 Concord avenue.

THOMAS M. CLANCY (elected 1906), 52 Springfield street.

WARD THREE.

GEORGE E. WHITAKER (elected 1905), 75 Walnut street.

WILBUR S. CLARKE (elected 1906), 40 Vinal avenue.

WARD FOUR.

CHARLES A. KIRKPATRICK, Jr. (elected 1905), 27 Sewall street.
GEORGE W. FOSTER (elected 1906), 7 Evergreen avenue.

WARD FIVE.

HENRY H. FOLSOM (elected 1905), 29 Albion street.
J. WALTER SANBORN (elected 1906), 183 Central street.

WARD SIX.

FREDERICK A. P. FISKE (elected 1905), 44 Cherry street.
LEON M. CONWELL (elected 1906), 1 Harvard place.

WARD SEVEN.

GEORGE C. MAHONEY (elected 1905), 415 Highland avenue.
HENRIETTA B. H. ATTWOOD (elected 1906), 12 Park avenue.

Superintendent and Secretary. — GORDON A. SOUTHWORTH.
Office, City Hall Annex.
Hours: 8 A. M. to 5 P. M., except Saturdays;
Saturdays, 8 to 10 A. M.

Regular meetings, last Monday evening of each month, except July and August, when none are held, and December, when meetings are on the third and fourth Fridays.

Assessors.

(Term, three years.)

GEORGE W. PERKINS, Chairman, (term expires 1910).
BENJAMIN F. THOMPSON (term expires 1908).
NATHAN H. REED (term expires 1909).
GEORGE E. ELLIOTT (term expires 1908).
WINSOR L. SNOW (term expires 1909).

ASSISTANT ASSESSORS.

(Term, one year.)

FRED B. CLAPP.
JOHN J. SHEERAN.
CHARLES F. CUDDY.
JOHN FRANKLIN STACKPOLE.
JAMES WILSON.
JAMES A. BUTLER.

Office open: 8 A. M. to 4 P. M.; Saturdays, 8 A. M. to 12 M.

Board of Health.

(Term, two members, two years; one member, one year).
ALLEN F. CARPENTER, Chairman (term expires 1908).
ZEBEDEE E. CLIFF (term expires 1909).
WESLEY T. LEE, M. D. (term expires 1908).
Clerk. — WILLIAM P. MITCHELL.
Agent. — CALEB A. PAGE.
Medical Inspector — FRANK L. MORSE, M. D.
Superintendent Collection of Ashes and Offal. — EDGAR T. MAYHEW.
Inspector of Animals and Provisions. — CHARLES M. BERRY.
Inspector of Milk and Vinegar. — JULIUS E. RICHARDSON.
Office open: 8 A. M. to 4 P. M.; Saturdays, 8 A. M. to 12 M.

Overseers of the Poor.

Office, City Hall Annex.

(Term, three years.)

EDWARD B. WEST, Chairman (term expires 1909).
ALBERT W. EDMANDS (term expires 1908).
HERBERT E. MERRILL (term expires 1910).
Agent. — CHARLES C. FOLSOM.
Secretary. — CORA F. LEWIS.

Office open: 8 A. M. to 4 P. M.; Saturdays, 8 A. M. to 12 M.

Registrars of Voters.

(Term, three years.)

CHARLES P. LINCOLN, Chairman (term expires 1910).
CHARLES E. PARKS (term expires 1908).
EDWIN D. SIBLEY (term expires 1909).
FREDERIC W. COOK, City Clerk (term expires 1908).

Public Library Trustees.

(Term, three years.)

EDWARD C. BOOTH, Chairman (term expires 1910).
JOHN B. VIALL (term expires 1908).
J. FRANK WELLINGTON (term expires 1908).
IRVING G. HALL (term expires 1909).
HOWARD D. MOORE (term expires 1909).
FREDERICK W. PARKER (term expires 1909).
THOMAS M. DURELL (term expires 1910).
WILLIAM L. BARBER (term expires 1910).
CHARLES L. NOYES (term expires 1908).
Librarian and Secretary. — SAM WALTER FOSS.

Library open 9 A. M. to 9 P. M., and the reading room Sundays 2 to 6 P. M.

City Clerk.

FREDERIC W. COOK.
Assistant City Clerk. — HOWARD E. WEMYSS.

Office open: 8 A. M. to 4 P. M.; Saturdays, 8 A. M. to 12 M.

City Treasurer and Collector of Taxes.

JOSEPH S. PIKE.

Office open: 8 A. M. to 2 P. M.; Saturdays, 8 A. M. to 12 M.

City Messenger.

JAIRUS MANN.

Mayor's Secretary.

FRED E. WARREN.

City Solicitor.

FRANK W. KAAN,
50 State street, Boston.

City Auditor.

CHARLES S. ROBERTSON.

City Engineer.

ERNEST W. BAILEY.
Office open: 8 A. M. to 4 P. M.; Saturdays, 8 A. M. to 12 M.

Clerk of Committees and Departments.

WILLIAM P. MITCHELL.
Office open: 8 A. M. to 4 P. M.; Saturdays, 8 A. M. to 12 M.

Commissioner of Streets.

ASA B. PRICHARD.
Office hour: 9.30 to 10 A. M.

Commissioner of Public Buildings and Inspector of Buildings.

WALTER T. LITTLEFIELD.
Office open: 8 A. M. to 4 P. M., Saturdays, 8 A. M. to 12 M.

Inspector of Plumbing.

DUNCAN C. GREENE.
Office hour: 8 to 9 A. M.

Commissioner of Electric Lines and Lights.

MELVIN F. UNDERWOOD.
Office hour: 9 to 9.30 A. M.

Water Commissioner.

FRANK E. MERRILL.
Office open: 8 A. M. to 4 P. M.; Saturdays, 8 A. M. to 12 M.

Chief of Police.

MELVILLE C. PARKHURST.
Office, Police Building, Bow street.

Chief Engineer of the Fire Department.

JAMES R. HOPKINS.
Office, Central Fire Station, 261 Medford street.

City Physician.

C. Clark Towle, M. D.
23 Bow street.

Inspector of Milk and Vinegar.

Julius E. Richardson,
310 Broadway.

Inspector of Trees.

Charles I. Bucknam.

Inspector of Animals and Provisions.

Charles M. Berry,
60 Prescott street.

Inspector of Petroleum.

James R. Hopkins.
Office, Central Fire Station, 261 Medford street.

Sealer of Weights and Measures.

John H. Dusseault,
Office, City Hall Annex.
Office open: November 1 to March 31, inclusive, 9 A. M. to 12 M.; April 1 to October 31, inclusive, 9 A. M. to 12 M., Fridays and Saturdays only.

Fence Viewers.

Lambert M. Maynard,
90 Highland avenue.
Charles M. Berry,
60 Prescott street.

Burial Agent.

UNDER REVISED LAWS, CHAPTER 79, SECTION 20.
John H. Dusseault,
42 Sargent avenue.

Constables.

George H. Carleton.
Eugene A. Carter.
Winslow W. Coffin.
James J. Comfort.
Thomas Damery.
Alvah E. Dearborn.
John M. Driscoll.
Charles L. Ellis.
Charles C. Folsom.
Patrick J. Garvin.
William D. Hayden.
Franklin W. Hopkins.
Dennis Kelley.
Jairus Mann.
Charles B. Palmer.
Melville C. Parkhurst.
Robert R. Perry.
Christopher J. Purce.
Malcolm E. Sturtevant.
Charles E. Woodman.

Measurers of Wood and Bark.

William B. Holmes,
317 Broadway.

Oscar A. Dykens,
34 Chestnut street.

William J. Goodwin,
8 Holland street.

Measurer of Grain.

ARTHUR R. FITTS.

Public Weigher in Charge of City Scales at City Ledge.

EDWARD L. GRANT.

Weighers of Coal.

DANIEL F. ASH.
JOHN F. AYLWARD.
ALBERT E. BAKER.
EDGAR H. BARKER.
ELMER E. BEACHAM.
JOHN L. BLAKE.
JEFFERSON D. CAMERON.
ANGUS W. CAMPBELL.
MICHAEL J. CANNEY.
ALFRED B. CLARK.
PATRICK COFFEY.
HARRY A. CRAWFORD.
WILLIAM G. CUMMINGS.
HOWARD H. DAVENPORT.
FRED C. DINSMORE.
CHARLES F. DOHERTY.
THOMAS A. DUNLAP.
AMHERST F. DURKEE.
OSCAR A. DYKENS.
FRED L. ESTEY.
FRANK H. FREEMAN.
CHARLES T. GARLAND.
WILLIAM E. GERRISH.
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JOHN H. GRAY.
GEORGE F. GROGAN.
ALBERT F. HACKETT.
JAMES HAYDEN.
AGNES HELLEN.
ADALA HIGGINS.
WILLIAM F. HOULAHAN.
IDA C. HOULIHAN.
GRACE ABBIE HURD.
FRED M. HUTCHINSON.
SYLVANUS R. KNEELAND, Jr.
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GEORGE H. MARSH.
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JOHN W. MCIVER.
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FRANK OBERLE.
JOHN J. O'NEILL.
MARK W. PATTEN.
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LOTTIE L. RICE.
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WILLIAM H. ROBINSON.
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WILLIAM C. STICKLE.
ORRIN S. TARR.
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WILLIAM J. THOMPSON.
ALFRED A. WALDRON.
ELIZABETH M. L. WALLACE.
THOMAS WALSH.
CHARLES H. WARD.
JOHN H. WOODMAN.
LUCIAN L. WOODMAN.

Weighers of Beef.

ALBERT E. BAKER.
OLIVER S. BRYANT.
GEORGE M. CHISHOLM.
WILLIAM J. DOONER.
ALFRED G. DYMOND.
FREDERICK A. GEILING.
FRED HARRIS.
GEORGE L. HORTON.
REUBEN W. MEAD.
THOMAS S. PARKER.
HERBERT D. REED.
JOHN P. ROUSE.
WILLIAM B. SARGENT.
WALTER SAVAGE.
ROBERT E. SMITH.
WALTER M. TOWER.
JOSEPH F. TYTER.
TOBIAS YAVNER.

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